

# 1 9 9 0 E D I T I O N AT&T SOURCEBOOK



## **THIS CATALOG INCLUDES:**

MERLIN® SYSTEMS



AT&T SYSTEM 25



AT&T SYSTEM 75/85



SPIRIT® SYSTEM



SINGLE LINE SETS



HORIZON® SYSTEM



COMKEY® SYSTEM



1A2 KEY SYSTEM



ENHANCEMENTS



FAX PRODUCTS



BUSINESS PRODUCTS



SERVICES



ACCESSORIES



CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





Kim and Norma, AT&T  
Sourcebook Group, Cincinnati, Ohio



Tony, Penny, Jeff and Dale, AT&T  
Sourcebook Group, Cincinnati, Ohio



Steve, AT&T Sourcebook Group,  
Cincinnati, Ohio



Beverly, James, and Steve, AT&T  
Warehouse For Sourcebook Products,  
Goddard, Kansas



Elaine, AT&T Warehouse For  
Sourcebook Products,  
Goddard, Kansas



Dear Customer,

It is our pleasure to bring you the new 1990 Edition of the AT&T Sourcebook. We have made many changes to respond to what you have told us you would like to see. We have grouped compatible products for your system in one section for faster, easier product selection. With these new System Sections, you can be assured that all equipment in the section is appropriate for use with your system. Mini Directories, found on the System Introduction pages, will direct you quickly to compatible equipment that is located outside of your System Section.

Our new MERLIN Cordless pictured on the cover is the first multiline cordless telephone designed exclusively for use on business telephone systems. Our MERLIN Cordless works with all MERLIN Systems as well as the AT&T System 25. Check your System Section, or back cover, for details.

Our new features include headset groupings, labeled A-D, after every telephone description. Any headset in the groups listed, with adapters as needed, is compatible with that telephone model. You need only decide among the headset styles. Other new features: 2 page index, quick ordering charts, more helpful "How To" articles with diagrams, and a convenient FAX order form.

Don't miss the new family of AT&T FAX Machines, winner of *Financial World Magazine's* "Best of Everything" Award. They're on pages 94-99.

I know that making equipment decisions is not always easy. So our well-trained Catalog Associates are ready to help you determine the right products for your business communications needs. We have arranged with national shipping companies to send your products quickly. And our AT&T System Technicians are ready to install your order once it arrives at your business.

We look forward to hearing from you. Enjoy our 1990 Edition of The AT&T Sourcebook and call us Monday-Friday, 8a.m.-8p.m. EST on 1 800 451-2100.

Sincerely,

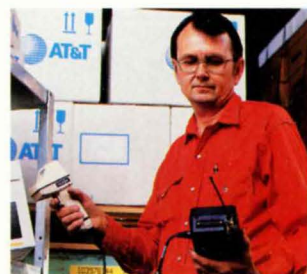
*Sharon Nardini*  
Sharon Nardini  
AT&T Sourcebook



Nancy and Brenda, AT&T Warehouse  
For Sourcebook Products,  
Goddard, Kansas



Lattier, AT&T Sourcebook Group,  
Cincinnati, Ohio



Paul, AT&T Warehouse For  
Sourcebook Products,  
Goddard, Kansas



Ted, Ann, Robyn, AT&T Sourcebook  
Group, Cincinnati, Ohio



Ed, AT&T Systems Technician,  
Oakland, California



## TABLE OF CONTENTS

<b>M</b> 206 410 820	<b>MERLIN®</b> SYSTEMS 206, 410, & 820	5-12
<b>M</b> PLUS	<b>MERLIN</b> PLUS SYSTEM	13-20
<b>M</b> 1030 3070	<b>MERLIN</b> SYSTEMS 1030/3070	21-29
<b>M</b> II	<b>MERLIN II</b> SYSTEM	31-40
	<b>MERLIN</b> ACCESSORIES	42-46
<b>S</b> 25	<b>AT&amp;T</b> SYSTEM 25	47-55
<b>S</b> 75	<b>AT&amp;T</b> SYSTEM 75/85	57-65
<b>S</b>	<b>SPIRIT®</b> SYSTEM	67-71
<b>S</b> LINE	<b>SINGLE LINE</b> SETS	72-75
<b>H</b>	<b>HORIZON®</b> SYSTEM	76
<b>C</b>	<b>COMKEY®</b> SYSTEM	77
<b>1A2</b> KEY	<b>1A2</b> KEY SYSTEM	78-79
	TELEPHONE COMPATIBILITY CHART	80
	SYSTEM ENHANCEMENTS	81-93
	FAX PRODUCTS	94-99
	BUSINESS PRODUCTS	100-107
	AT&T SERVICES	30, 41, 56, 66, 90
	INDEX	Insert



# MERLIN SYSTEM IDENTIFICATION

## How To Quickly Find The MERLIN System Products That You Need



206  
410  
820



MERLIN System  
206 Control Unit



MERLIN System  
410 Control Unit



MERLIN System  
820 Control Unit



PLUS



MERLIN Plus System  
Control Unit

In our efforts to make The Sourcebook a more useful guide to your telecommunications options, we listened to customers who used the last edition of The Sourcebook. They suggested that, for easy reference, we present all the equipment compatible with a system together with that system section. That's just what we've done. By assigning a catalog section to each system, you have a new, easier way to find the equipment for your business needs, as well as be assured that it is compatible with your particular system.

To use these sections, first identify your MERLIN Control Unit on this page. Once you've located your Control Unit, you can easily find your section in The Sourcebook via the symbols, colors, and page numbers at right.

In each system section you will find an introductory page describing the system features and also outlining any new capabilities that are available. Next you will find all the telephones and equipment compatible with your system. These products have been grouped into categories:

- Enhancements—to enhance the functionality of your system
- Expansion—to enlarge your system's line and telephone capacity
- Connectors—to provide a connecting interface between your system and another product.

Since some enhancements and accessories are not shown in every system section, we have provided a quick reference Mini Directory to these items on every introductory page.

Finally, we would like to clarify some points regarding our MERLIN System product line.

All MERLIN Telephones will work with all MERLIN Systems. In the system sections, you'll find all the current telephone models that should be purchased for your particular MERLIN System. In addition, all previous models of MERLIN Telephones will continue to be compatible with the newer MERLIN Systems. We provide accessories and replacement items for all MERLIN Telephones that we have sold since the MERLIN System was introduced. You'll find these accessories on pages 42-46.

Although the MERLIN Plus and MERLIN II Systems are our most advanced systems, we still support the MERLIN 206, 410, and 820 Systems and the MERLIN 1030/3070 Systems with a myriad of enhancement and expansion products. You'll find these described in your system section.



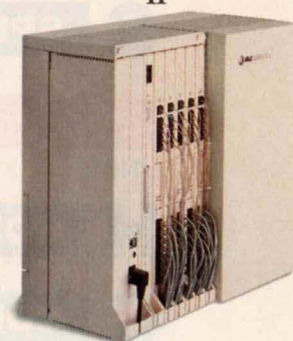
1030  
3070



MERLIN System  
1030/3070 Control unit



II



MERLIN II System  
Control Unit

**M** **MERLIN**  
**Systems 206,**  
**410 or 820**  
**Pages 5-12**

**M** **MERLIN Plus**  
**System**  
**Pages 13-20**

**M** **MERLIN**  
**System**  
**1030/3070**  
**Pages 21-29**

**M** **MERLIN II**  
**System**  
**Pages 31-40**



# MERLIN SYSTEMS 206, 410, & 820

**M**

206  
410  
820

MERLIN System 820  
Control Unit



MERLIN System 410  
Control Unit



MERLIN System 206  
Control Unit



## Building Your MERLIN System From Here Is A Snap.

If you're using the MERLIN Systems 206, 410, or 820\*, AT&T has a lot more telecommunication magic in store for you. You'll find affordable added-benefit Feature Packages designed to make your system even more functional.

### Feature Package 1

Look at what Feature Package 1 can bring you in addition to what your MERLIN Systems 206 and 410 already provide.

- Add up to 4 people to a conference call—2 inside, 2 outside
- Dial calls while your handset is still On-Hook
- Enjoy the added convenience of Call Transfer, Hold Reminder and Group Listening features
- Prevent outgoing calls on a phone-by-phone basis
- Program your telephone buttons for Privacy, Automatic Outgoing and Intercom Dialing

- Do Not Disturb Feature allows for uninterrupted work
- Program Last Number Redial and Automatic Line Selection into your feature buttons

### Feature Package 2

Feature Package 2, another easy-to-install enhancement for MERLIN Systems 206, 410, and 820, offers all the Feature Package 1 benefits, and then some:

- Personal and System-Wide Speed Dialing to call any number, long distance or local, using only three digits
- Personalized ringing tones
- Choice of no ring, a regular ring or delayed ring
- Call Pickup allows you to answer any telephone from your desk
- Group Paging saves time in any busy office
- Message Waiting Feature so important messages are not left unanswered or forgotten

- Outward Toll-Call Restriction—another money saver
- Plus: assign special-purpose lines to any telephone terminal for cost and access control

No matter what Feature Package you need, you can simply snap it into your existing system. So as you grow, and the needs of your company grow, your MERLIN System can keep pace—even stay ahead.

- Paging: install a Paging System to find people, keep them informed and improve customer service
- Music-on-Hold\*\*: a cordial way to keep your callers entertained while waiting. Also, with AT&T's Magic On Hold, it serves as an effective marketing tool for new products, company image enhancement and important company news.

- Bells, Horns, Chimes: Extra Alerts often add an extra dimension of notification and productivity to a place of business

### MINI DIRECTORY

*Use this quick page reference to locate equipment, found outside this section, that will enhance your system.*

Items	Pages
<b>Accessories .....</b>	<b>42-46</b>
<b>Paging Systems ...</b>	<b>86-88</b>
<b>Bells and Alerts .....</b>	<b>89</b>
<b>Music-on-Hold**</b>	
<b>by Magic On Hold .....</b>	<b>92</b>

\* Not being sold as new systems to businesses.

\*\* See Music-on-Hold note on page 92

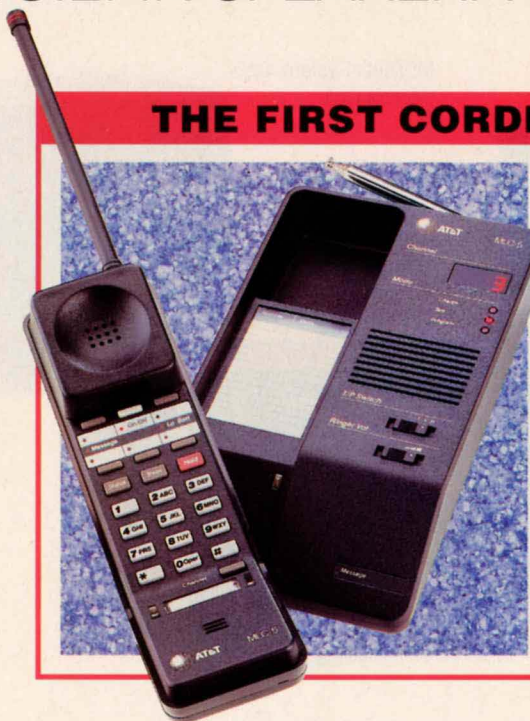


# MERLIN BUILT-IN SPEAKERPHONE TELEPHONES

## COMMON FEATURES FOR BUILT-IN SPEAKERPHONE TELEPHONES:

- **Accessories:** Included are 9' coiled handset cord, 14' mounting cord, desk stand/wall mount and Set-Up Guide
- **Built-In Speakerphone (BIS):** Place or receive calls outside and conduct conversations, Hands-Free
- **Conference Call:** With up to two internal and two external parties
- **Dual LED Visual Indicators:** Red/green lights that indicate the status of lines, intercom, and programmable features
- **Dual Volume Controls:** Adjust the volume of the speakerphone voice signal, HFAI, and tone ringer
- **Hands-Free Answer on Intercom (HFAI):** Answer and hold an intercom conversation, Hands-Free
- **Intercom:** Reach internal parties quickly, or receive information while on an outside line
- **Message Waiting Light:** Notifies you that the receptionist has a message
- **Microphone:** Mutes the speakerphone, so callers can't overhear private conversations in the room
- **One-Button Call Transfer:** Route calls easily to another extension

## THE FIRST CORDLESS FOR BUSINESS



### MERLIN® Cordless Telephone

The accelerated pace of business keeps you moving, and you can't afford to be chained to your desk waiting for a call. Break barriers with the revolutionary MERLIN Cordless Telephone.

- The first multi-line cordless telephone designed exclusively for business systems
- Integrated with your MERLIN System without connecting equipment or adapters
- 5-Buttons for four outside lines or programmable features, and one intercom line
- Engineered to reduce background noise and interference in business environments
- See the Back Cover for more information

#3168-MLCA (Black).....\$560



### 22-Button Built-In Speakerphone Telephone With Display (BIS-22D)

Our newest phone for business users who require a wide range of features and the convenience of a display.

- Alphanumeric Display: Clock, Calendar, Call Timer and Appointment Reminder Alarm
- 22 buttons with LED indicators for line appearances, intercom and programmable features
- Hearing aid compatible
- Accommodates all Group A Headsets with Adapter 1, or any Group B Headsets\*
- Plus, all the other features of the 22 Button Built-In Speakerphone Telephone on page 7

#3166-DSBA (Black).....\$455



### 34-Button Built-In Speakerphone Set With Display (BIS-34D)

- Alphanumeric Display: Clock, Calendar, Call Timer and Appointment Reminder Alarm
- 34 buttons with LED indicators for line appearances, intercom, and programmable features
- Hearing aid compatible
- Accommodates all Group A Headsets with Adapter 1, or any Group B Headsets\*
- Plus, all the other features of the 34 Button Built-In Speakerphone Telephone on page 7

#3167-DSBA (Black).....\$520



# MERLIN BUILT-IN SPEAKERPHONE TELEPHONES

**M**

206  
410  
820



## 34-Button Built-In Speakerphone Telephone (BIS-34)

The economical speakerphone with 34-button convenience.

- 34 buttons with LED indicators for line appearances, intercom and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Hold, Transfer, Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

**#3167-34BA (Black) .....\$460**



## 22-Button Built-In Speakerphone Telephone (BIS-22)

For quick access to a broad range of features.

- 22 buttons with LED indicators for line appearances, intercom, and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Transfer, Hold, Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

**#3166-22BA (Black) .....\$395**



## 10-Button Built-In Speakerphone Telephone (BIS-10)

Efficiency and economy are the benefits of this office set. Plus:

- 10 buttons with LED indicators for line appearances, intercom and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Transfer, Hold and Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

**#3165-10BA (Black) .....\$355**

## COMMON FEATURES (continued)

- **Handsets:** Hearing aid compatible
- **Conference Room Speakerphone:** Compatible with external speakerphone unit for larger areas
- **Port:** Includes a built-in "port" for optional accessories, like a headset adapter
- **Programmable Feature Buttons:** Access the programmable features of your system. These features may include One-Touch Dialing, Privacy, Do-Not-Disturb, Last Number Redial, and more
- **Recall:** Automatically restores dial tone without hanging up; also provides a switch-hook flash

**NOTE:** You may dedicate buttons to outside telephone lines and not program them. The programmable features you can add depends on the configuration and type of your system.

Speakerphone capability requires Feature Package 1 or 2 for MERLIN Systems 206 and 410; Feature Package 2 for MERLIN System 820.

\*See pages 8 and 9 for Headsets and pages 42-46 for MERLIN Telephone accessories.

CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# MERLIN TELEPHONE HEADSETS

## FASTER! MORE EFFICIENT!

An independently conducted study\* established that headsets increase efficiency and employee productivity.

- Response time to pickup a call is 72% faster
- Hang-up time is 59% faster
- Placing a local call is 48% faster
- Placing a long-distance call is 40% faster
- Headsets are 43% more efficient when people need their hands free
- Employees work longer in more comfort with headsets

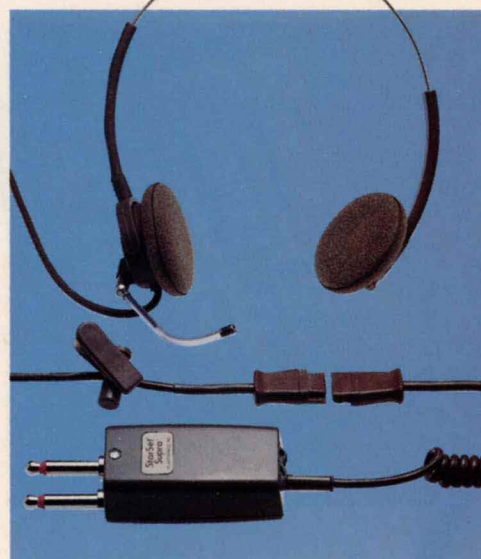
## GROUP A: HEADSETS WITH ADAPTERS



### Supra<sup>3</sup> Standard Model

- Over-the-Ear model
- Answer calls without lifting handset
- Soft, cushioned pads rest over your ears
- Includes clothing clip and User's Guide
- Requires an adapter

#3122-011A (Brown).....\$120



### Supra Deluxe Model

- Over-the-Ear model
- All the features of the Supra<sup>3</sup> Standard PLUS Quick Disconnect—you can unsnap connector and leave your work area without removing headset or disconnecting the call
- Requires an adapter

#3122-012A (Brown).....\$130

## GROUP A: ADAPTER

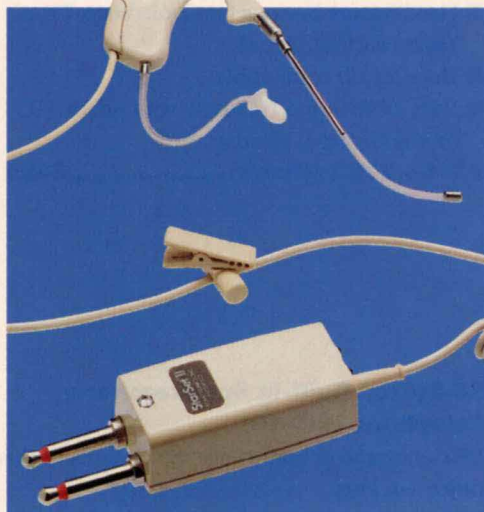


### Adapter 1

To be used as required.

- Includes User's Guide
- Connects the headset to the telephone
- Allows you to answer and make calls without lifting the handset

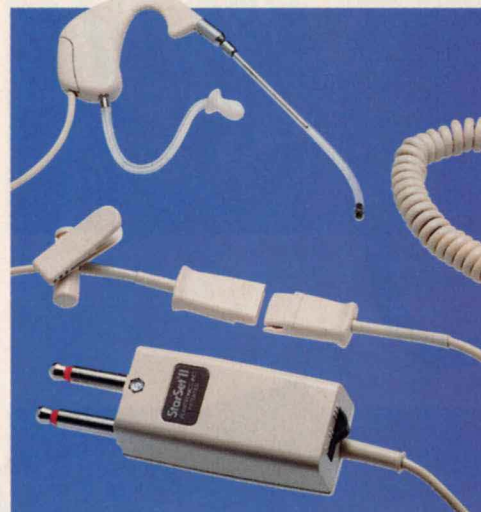
#3164-HFAA.....\$184



### StarSet II—Standard Model

- In-the-Ear model
- Lightweight
- Hangs on either ear
- Answer calls without lifting handset
- Built-In Volume Control
- Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
- Requires an adapter

#3122-001A (Ivory).....\$140



### StarSet II—Deluxe Model

- In-the-Ear model
- All the features of the StarSet II Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing the headset or disconnecting the call
- Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
- Requires an adapter

#3122-002A (Ivory).....\$160

1-800-451-2100 8am-8pm EST

### PAYMENT OPTIONS

CHARGE CARD: 1 AMEX, VISA, AT&T  
MASTERCARD, OR PRODUCT PLUS CARD

AT&T CREDIT LEASE 2 CORPORATION  
ADD-ON

INVOICE 3 BILL ME

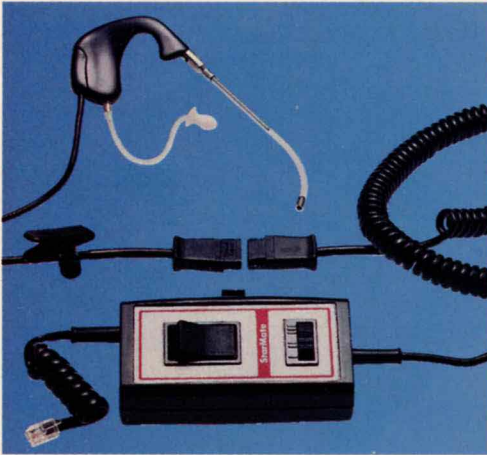
\*H.B. Maynard and Company



# MERLIN TELEPHONE HEADSETS

**M**  
206  
410  
820

## GROUP B: MODULAR HEADSETS



### StarSet II—StarMate-E³ Model

- In-the-Ear model ■ Hangs on either ear
- Lightweight ■ Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips and User's Guide
- Does not require an adapter

#3122-204A (Black).....\$175

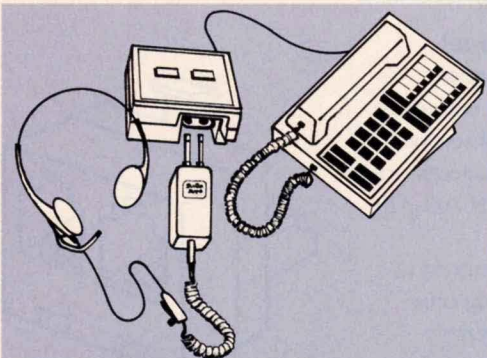


### Supra—StarMate-E³ Model

- Over-the-Ear model
- Includes a single earpad
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide
- Does not require an adapter

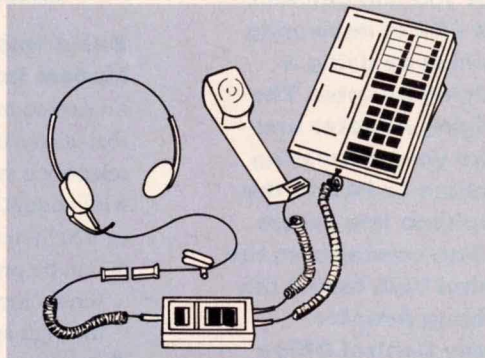
#3122-214A (Black) .....\$175

## Adapter Headsets or Modular Headsets, Which One Is Best for You?



### Why use a Headset with an Adapter?

If you plan to use your headset most of the day and would like the easiest way to handle your calls, consider a headset with an adapter. A headset with an adapter allows you to answer a call with a flick of the adapter switch, without touching the telephone. Use it to turn your headset on to make outgoing calls without lifting the handset. By far, the headset and adapter combination is the fastest and most convenient arrangement for the high-volume telephone user.



### What is a Modular Headset?

Ideal for the occasional user, these modular headsets plug directly into the phone without an adapter. For the low-volume user, modular headsets are the light and easy alternative for gaining mobility and productivity at the same time.

**NOTE:** Operationally, these headsets differ from headsets with adapters because they require the handset to be taken off the phone to answer a call and be hung up to disconnect a call. For high-volume use, consider a headset with an adapter.

## How to Make a Headset Decision

Sales people, managers and others who use phones throughout the day, but also need to use their hands, may be surprised by the freedom a headset can offer.

Once you've decided to try a headset, you may choose either a headset with an adapter or a modular headset.

A headset with an adapter allows you to answer or make a call without lifting the receiver.

A modular headset plugs directly into your phone but requires you to lift the handset to answer a call and hang it up to disconnect.

Another convenient feature of some headsets is Quick Disconnect, which allows you to unsnap from your phone without having to remove your headset or disconnect a call.

Over-the-Ear models have soft, cushioned pads that rest over your ears. The sound is heard through one earpad. In-the-Ear headsets are light units that hang on either ear.

### NEED MORE INFORMATION?

Please see pages 81-84 for more information on headsets. Page 85 details headset accessories and replacement parts.

CALL TOLL-FREE

**1-800-451-2100**

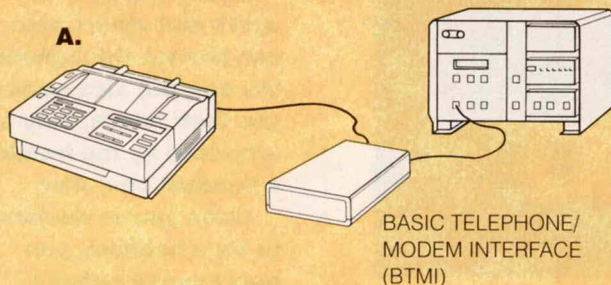
MONDAY-FRIDAY 8AM-8PM EST





# ANSWERING MACHINE & FAX CONNECTION

## HOW TO CONNECT YOUR ANSWERING MACHINE



The convenience and wisdom of using an answering machine is well known. And your MERLIN System offers two options for connecting your answering or FAX to your MERLIN System 206, 410, or 820.

**A. The first method connects your FAX or answering machine directly to your MERLIN Control Unit using the Basic**

**Telephone Modem Interface (BTMI). Simply plug your FAX or answering machine into your BTMI, and plug the BTMI into any Voice Terminal port on your Control Unit.**

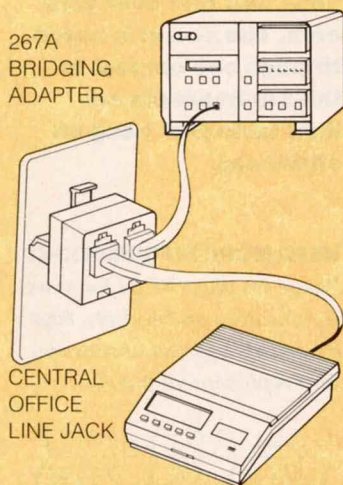
### NOTE:

*The BTMI uses one port of your system reducing, by one, the number of phones it can handle.*

**B. Or you can connect your FAX or answering machine by using a Bridging Adapter. The Bridging Adapter connects your answering machine or FAX to the telephone line before the line connects to the Control Unit. Install the Bridging Adapter on any Central Office Line Jack and connect your answering machine or FAX to the Bridging Adapter.**

### NOTE:

*For any questions you might have on how to connect your answering machine or FAX to your MERLIN System, just call one of our AT&T Catalog Associates at 1 800 451-2100.*



### Model 1330 Answering System

- Microchip records your outgoing message for maximum voice quality
- Remote message retrieval, on/off (from Touch-Tone telephones)
- One-Touch Playback

- 2-Way Record
  - Changeable Security Code
  - Toll-Saver
  - Time and Day Notation
  - Auto Reset
  - Made in China
- #10422X .....\$159.95**

*For the full line of AT&T answering machines, see page 93.*

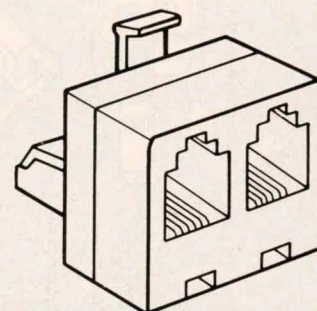


### Basic Telephone/Modem Interface

An easy-to-install connector that allows use of several telephone system accessories with your MERLIN 206, 410 or 820 System.

- Can be programmed to screen incoming calls through an operator
- Can be programmed to screen outgoing calls by using an access code
- Accommodates FAX, answering machine, modem or cordless phones without the need for a dedicated line, saving those additional line charges
- Reduces the number of ports on your Control Unit by one

**#2301-BTIA .....\$288**



### 267A Bridging Adapter

- Allows answering machine, modem, cordless phone or FAX to connect directly to your line
- Does not permit monitoring line-in-use on MERLIN 206, 410, or 820 Systems
- Must be wired to the telephone line before it reaches your Control Unit

**#10451X .....\$11**



# ANSWERING MACHINE AND FAX CONNECTION

## Dramatic Savings from a Versatile Connector

**M**  
206  
410  
820



### FAX 4515D

A sturdy user-friendly unit with precise, clear prompts, visual indicators and warning signals. Designed for efficient, economical FAX communications with many of the features of more costly FAX machines.

- Full Scanning Width of 8 1/2" handles standard and legal-size originals
- 64 Halftone Capability: for transmission of photographic or illustrated documents
- Automatic Document Feed: handles up to 10 pages
- Auto/Manual Reception: your choice of unattended or attended use
- Confidential Transmission: transmit to the memory of a compatible receiving terminal
- Error Correction Mode: reduces disconnects and data losses
- Paper Cutter: automatically cuts received documents to the length of the original
- Polling: turn-around polling allows you to transmit and receive documents during the same phone call

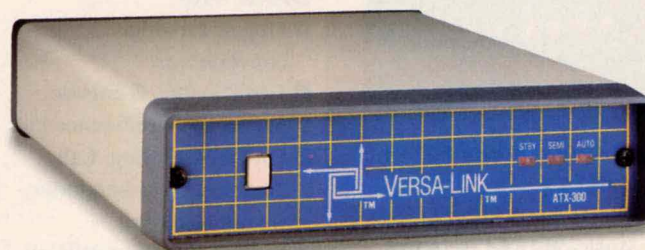
- Large, 164-foot thermal paper roll reduces lost FAX transmissions
  - Fast—15 seconds per page transmission: saves on phone toll charges
  - Complete with AT&T TRIMLINE® 230 Telephone with 12-number Speed Dial Memory
- #3517-DFX .....\$1,995**  
**Sourcebook**  
**Price .....\$1,595**



### Paper for FAX 4515D

6 rolls of 8 1/2" x 328' thermal paper per carton

- Also compatible with FAX 3500D, 3520D, and 4525D
- #35001 .....\$68**



### Versa-Link<sup>10</sup> ATX-300 Computerized Call Processor

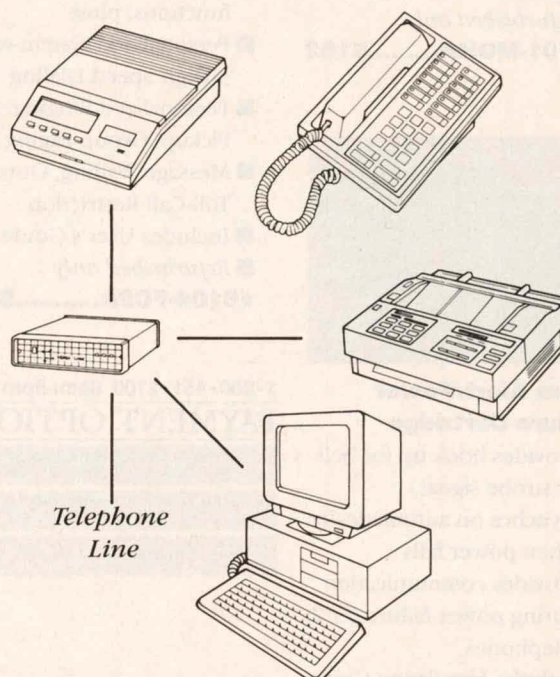
An automatic telephone exchange in a package smaller than any breadbox. The Versa-Link Computerized Call Processor will save you time and money the moment you install it.

- Eliminates the need for dedicated lines for up to 3 lower usage FAX, data, and voice devices
- Works with FAX, data, voice transmissions
- Automatically recognizes and routes all incoming calls
- Operational immediately

- Works on single or dual line systems, multiline key\*, PBX Systems and home phones
- Compatible with Touch-Tone or Rotary phones
- Programmable security code and manual override
- Built-in lightning surge protector
- Must be wired before your Control Unit
- *Customer installation only*

**#50109H .....\$349.95**

*\*May require additional professionally installed wiring*



CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# MERLIN SYSTEMS 206, 410, & 820

## CONNECTORS



### Music-on-Hold/Paging Cartridge

- Allows connection of Music-on-Hold (requires music source\*)
- Allows access to your Paging System from any telephone
- Includes Installation Guide and wire

#6102-MHPA .....\$342



### Music-on-Hold Cartridge

- Allows you to connect Music-on-Hold (requires music source\*)

■ *Refurbished only*

#6101-MOHA .....\$162



### Extra Alert/Power Failure Cartridge

- Provides hook-up for bell or strobe signal
- Switches on automatically when power fails
- Provides communication during power failure for 2 telephones
- Includes Installation Guide
- *Refurbished only*

#6103-EAPA .....\$162

## ENHANCEMENTS

### Feature Package 1 for MERLIN Systems 206 & 410

- Plug-in cartridge convenience
- Add 2 inside, 2 outside parties to a Conference Call
- On-Hook Dialing, Call Transfer, Hold Reminder, Group Listening
- Prevent outgoing calls on individual phones
- Privacy, Automatic Outside and Intercom Dialing
- Last Number Redial, Automatic Line Selection, Do Not Disturb

■ Includes User's Guide

#6100-FC1A.....\$276



### Feature Package 2 for MERLIN Systems 206, 410 & 820

- All Feature Package 1 functions, plus:
- Personal and system-wide 3-Digit Speed Dialing
- Personalized Ringing, Call Pickup, Group Paging
- Message Waiting, Outward Toll-Call Restriction
- Includes User's Guide
- *Refurbished only*

#6104-FC2A.....\$780

1-800-451-2100 8am-8pm EST

## PAYMENT OPTIONS

CHARGE CARD:	1	AMEX, VISA, AT&T
MASTERCARD, OR		PRODUCT PLUS CARD
AT&T CREDIT LEASE	2	CORPORATION ADD-ON
INVOICE	3	BILL ME

\*See Music-on-Hold note on page 92.

## EXPANSION MODULES FOR MERLIN SYSTEM 820



2-LINE, 5-VOICE TERMINAL EXPANSION MODULE

5-VOICE TERMINAL EXPANSION MODULE

2-LINE EXPANSION MODULE

### 2-Line, 5-Voice Terminal Expansion Module

- Allows you to add 2 more telephone lines and 5 more MERLIN System Telephones
- Includes 7' line cords, 2-line adapter and User's Guide
- *Refurbished only*

#61219A.....\$768

### 5-Voice Terminal Expansion Module

- Allows you to add 5 more MERLIN System Telephones
- Includes Installation Guide

#61218A.....\$420

### 2-Line Expansion Module

- Allows you to add 2 more telephone lines
- Includes 7' line cords, 2-line adapter, and Installation Guide

#61224A.....\$552

## ACCESSORIES

### Power Failure Rotary Telephone

- Plugs into Extra Alert/Power Failure Cartridge for use during power failure

**Black**

#3100-ORD-09A.....\$45

**Ivory**

#3100-ORD-12A.....\$45

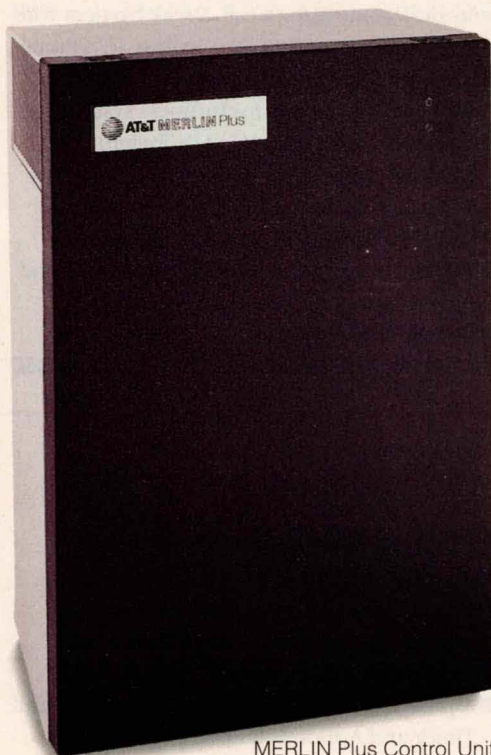
### Control Unit Wall Mount for MERLIN Systems 206 & 410

- Wall mounting bracket yields valuable desk space by placing your MERLIN System 206 or 410 Control Unit on the wall

#61201A.....\$20



## The System Designed with Growth in Mind



MERLIN Plus Control Unit

If your business uses the MERLIN Plus System, you will appreciate this modular system that can expand from 4 telephone lines with 10 telephones to 8 lines with 20 telephones. If you bought your system before February of 1989, your system already has Release 1 benefits built-in.

### Release 1 provides:

- **Do Not Disturb:** for your most important calls when you wish to work without intercom or other incoming call interruptions
- **Privacy:** for confidential calls you do not want accidentally accessed by other phone users
- **Call Transfer:** easy-to-use one-button switching of any outside call to another extension
- **Last Number Redial:** for time-savings
- **Speed Dialing:** efficiency that comes from a quick 3-digit dialing of your most often called numbers

In addition, the MERLIN Plus System offers a Release 2 Package, with many time and money saving features—all designed to help your business become more productive and more successful.

If you bought your MERLIN Plus System before February of 1989, the benefits of the Release 2 Package are available to you through the Release 2 Memory Module, which will upgrade your system to Release 2 benefits. If you acquired your system after February of 1989, or if you acquire one now, all the Release 2 benefits are already built-in to your system.

### Release 2 provides:

- **Remote Line Access:** provides authorization to remotely use outside lines, like WATS, through a special access code
- **Call Forwarding:** leave your desk or workplace and still receive incoming calls by having them forwarded to any telephone number you choose
- **Direct Extension Dialing:** allows callers to be connected to whatever extension they wish without having to go through your operator, saving time for both caller and operator
- **Busy Buster:** automatically redials a busy number up to 15 times
- **System Answer:** when all lines are tied up, you can prerecord a message that will pick up incoming calls, and hold the calls until your attendant is free
- **Exclusive Hold:** allows you to put a call on hold that only you can retrieve—eliminates the embarrassment of third parties accidentally picking up a held call
- **Improved Speed Dialing:** offers you the capacity of 130 programmable numbers that you can dial with only 3 digits
- **Disallowed List:** control phone abuse by restricting access to specific area codes, or exchanges, or even specific numbers (like 900 numbers) and you can apply your decision to every phone in your system, just one, or as many as you'd like

## GLOSSARY:

- **Access Code:** A sequence of numbers that must be dialed before the caller is allowed to use a particular system feature.
- **Busy Buster:** A feature that automatically redials a busy number up to a specific number of times, or until the call goes through.
- **Call Accounting:** A number of different systems available to record and report patterns or instances of telephone usage.
- **Conference:** Any call that ties in more than 2 phones or lines.
- **Expansion Card:** A product that enables a system Control Unit to accommodate additional line or station capacity.
- **Interface:** A connector that allows any equipment or system to be used with another piece of equipment or system.

### MINI DIRECTORY

*Use this quick page reference to find equipment found outside this section that will enhance your system.*

Items	Pages
<b>Accessories.....</b>	<b>42-46</b>
<b>Paging Systems....</b>	<b>86-88</b>
<b>Bells and Alerts.....</b>	<b>89</b>
<b>Call Accounting.....</b>	<b>91</b>
<b>Music-on-Hold* by Magic On Hold.....</b>	<b>92</b>

*\*See Music-on-Hold note on page 92.*

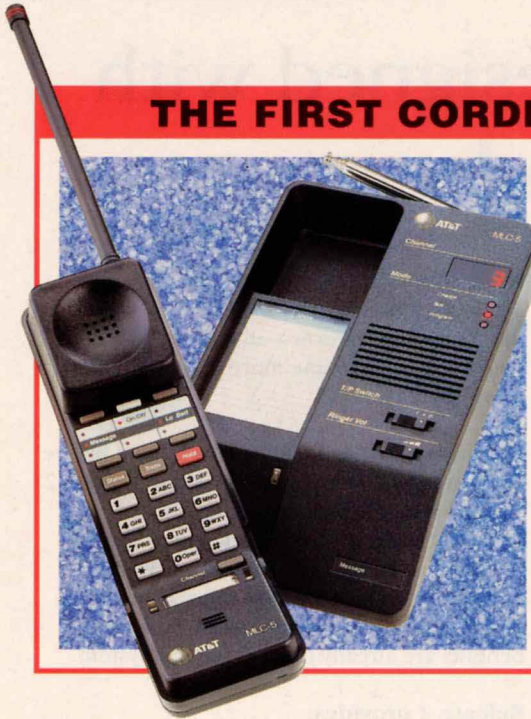


# MERLIN BUILT-IN SPEAKERPHONE TELEPHONES

## COMMON FEATURES FOR BUILT-IN SPEAKERPHONE TELEPHONES:

- **Accessories:** Included are a 9' coiled handset cord, a 14' mounting cord, a desk stand/wall mount and a Set-Up Guide
- **Built-In Speakerphone (BIS):** Place or receive calls outside and conduct conversations, Hands-Free
- **Conference Call:** With up to two internal and two external parties
- **Dual LED Visual Indicators:** Red/green lights that indicate the status of lines, intercom, and programmable features
- **Dual Volume Controls:** Adjust the volume of the speakerphone voice signal, HFAI, and tone ringer
- **Hands-Free Answer on Intercom (HFAI):** Answer and hold an intercom conversation, Hands-Free
- **Intercom:** Reach internal parties quickly, or receive information while on an outside line
- **Message Waiting Light:** Notifies you that the receptionist has a message
- **Microphone:** Mutes the speakerphone, so callers can't overhear private conversations in the room
- **One-Button Call Transfer:** Route calls easily to another extension

## THE FIRST CORDLESS FOR BUSINESS



### MERLIN® Cordless Telephone

The accelerated pace of business keeps you moving, and you can't afford to be chained to your desk waiting for a call. Break barriers with the revolutionary MERLIN Cordless Telephone.

- The first multi-line cordless telephone designed exclusively for business systems
- Integrated with your MERLIN System without connecting equipment or adapters
- 5-Buttons for four outside lines or programmable features, and one intercom line
- Engineered to reduce background noise and interference in business environments
- See the Back Cover for more information

**#3168-MLCA (Black).....\$560**



### 22-Button Built-In Speakerphone Telephone With Display (BIS-22D)

Our newest phone for business users who require a wide range of features and the convenience of a display.

- Alphanumeric Display: Clock, Calendar, Call Timer and Appointment Reminder Alarm, Account Code Display, Internal Calling Party Identification, Number Dialed Display
- 22 buttons with LED indicators for line appearances, intercom and programmable features
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*
- Plus, all the other features of the 22 Button Built-In Speakerphone Telephone on page 15

**#3166-DSBA (Black).....\$455**



### 34-Button Built-In Speakerphone Set With Display (BIS-34D)

- Alphanumeric Display: Clock, Calendar, Call Timer and Appointment Reminder Alarm, Account Code Display, Internal Calling Party Identification, Number Dialed Display
- 34 buttons with LED indicators for line appearances, intercom, and programmable features
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*
- Plus, all the other features of the 34 Button Built-In Speakerphone Telephone on page 15

**#3167-DSBA (Black).....\$520**



# MERLIN BUILT-IN SPEAKERPHONE TELEPHONES

**M**  
PLUS



## 34-Button Built-In Speakerphone Telephone (BIS-34)

The economical speakerphone with 34-button convenience.

- 34 buttons with LED indicators for line appearances, intercom and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Hold, Transfer, Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

#3167-34BA (Black).....\$460



## 22-Button Built-In Speakerphone Telephone (BIS-22)

For quick access to a broad range of features.

- 22 buttons with LED indicators for line appearances, intercom, and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Transfer, Hold, Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

#3166-22BA (Black) .....\$395



## 10-Button Built-In Speakerphone Telephone (BIS-10)

Efficiency and economy are the benefits of this office set. Plus:

- 10 buttons with LED indicators for line appearances, intercom and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Transfer, Hold and Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

#3165-10BA (Black) .....\$355

## COMMON FEATURES (continued)

- **Handsets:** Hearing aid compatible
- **Conference Room Speakerphone:** Compatible with external speakerphone unit for larger areas
- **Port:** Includes a built-in "port" for optional accessories, like a headset adapter
- **Programmable Feature Buttons:** Access the programmable features of your system. These features may include One-Touch Dialing, Privacy, Do-Not-Disturb, Last Number Redial, and more
- **Recall:** Automatically restores dial tone without hanging up; also provides a switch-hook flash

**NOTE:** You may dedicate buttons to outside telephone lines and not program them. The programmable features you can add depends on the configuration and type of your system.

\*See pages 16 and 17 for Headsets and pages 42-46 for MERLIN Telephone accessories.

CALL TOLL-FREE  
**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# MERLIN TELEPHONE HEADSETS

## FASTER! MORE EFFICIENT!

An independently conducted study\* established that headsets increase efficiency and employee productivity.

- Response time to pickup a call is 72% faster
- Hang-up time is 59% faster
- Placing a local call is 48% faster
- Placing a long-distance call is 40% faster
- Headsets are 43% more efficient when people need their hands free
- Employees work longer in more comfort with headsets

## GROUP A: ADAPTER



### Adapter 1

To be used as required.

- Includes User's Guide
- Connects the headset to the telephone
- Allows you to answer and make calls without lifting the handset

**#3164-HFAA.....\$184**

1-800-451-2100 8am-8pm EST

### PAYMENT OPTIONS

CHARGE CARD:	1	AMEX, VISA, AT&T MASTERCARD, OR
AT&T CREDIT LEASE	2	CORPORATION ADD-ON
INVOICE	3	BILL ME

\*H.B. Maynard and Company

## GROUP A: HEADSETS WITH ADAPTERS



### Supra<sup>3</sup> Standard Model

- Over-the-Ear model
- Answer calls without lifting handset
- Soft, cushioned pads rest over your ears
- Includes clothing clip and User's Guide
- Requires an adapter

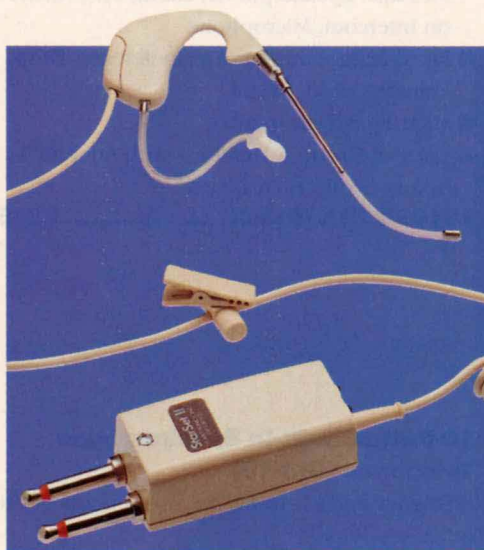
**#3122-011A (Brown).....\$120**



### Supra Deluxe Model

- Over-the-Ear model
- All the features of the Supra<sup>3</sup> Standard PLUS Quick Disconnect—you can unsnap connector and leave your work area without removing headset or disconnecting the call
- Requires an adapter

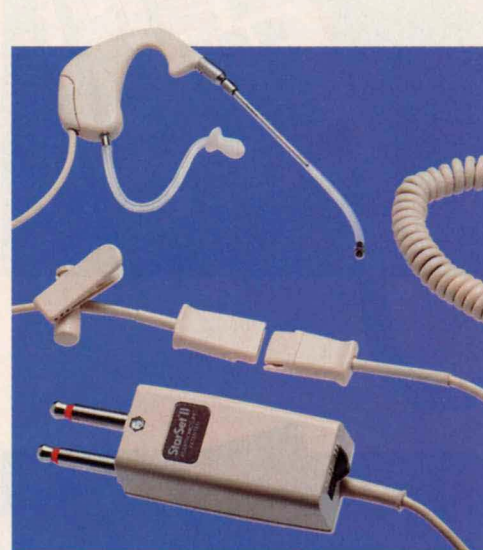
**#3122-012A (Brown).....\$130**



### StarSet II—Standard Model

- In-the-Ear model
- Lightweight
- Hangs on either ear
- Answer calls without lifting handset
- Built-In Volume Control
- Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
- Requires an adapter

**#3122-001A (Ivory).....\$140**



### StarSet II—Deluxe Model

- In-the-Ear model
- All the features of the StarSet II Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing the headset or disconnecting the call
- Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
- Requires an adapter

**#3122-002A (Ivory).....\$160**



# MERLIN TELEPHONE HEADSETS



## GROUP B: MODULAR HEADSETS



### StarSet II<sup>®</sup>—StarMate-E<sup>3</sup> Model

- In-the-Ear model ■ Hangs on either ear
- Lightweight ■ Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips and User's Guide
- Does not require an adapter

#3122-204A (Black) .....\$175

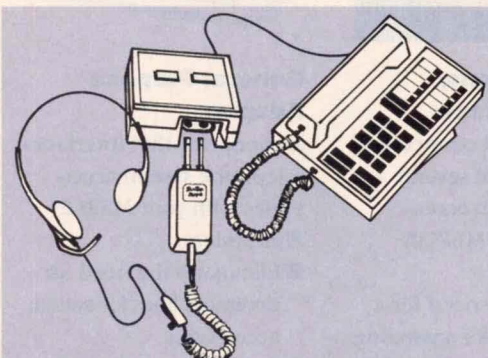


### Supra—StarMate-E<sup>3</sup> Model

- Over-the-Ear model
- Includes a single earpad
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide
- Does not require an adapter

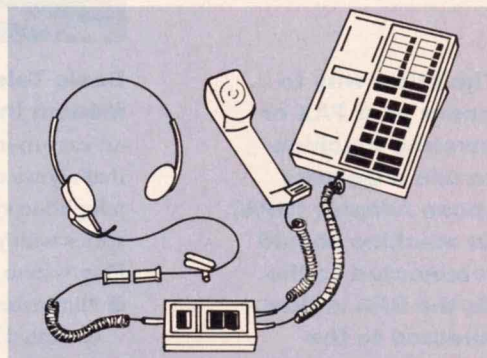
#3122-214A (Black) .....\$175

## Adapter Headsets or Modular Headsets, Which One Is Best for You?



### Why use a Headset with an Adapter?

If you plan to use your headset most of the day and would like the easiest way to handle your calls, consider a headset with an adapter. A headset with an adapter allows you to answer a call with a flick of the adapter switch, without touching the telephone. Use it to turn your headset on to make outgoing calls without lifting the handset. By far, the headset and adapter combination is the fastest and most convenient arrangement for the high-volume telephone user.



### What is a Modular Headset?

Ideal for the occasional user, these modular headsets plug directly into the phone without an adapter. For the low-volume user, modular headsets are the light and easy alternative for gaining mobility and productivity at the same time.

**NOTE:** Operationally, these headsets differ from headsets with adapters because they require the handset to be taken off the phone to answer a call and be hung up to disconnect a call. For high-volume use, consider a headset with an adapter.

## How to Make a Headset Decision

Sales people, managers and others who use phones throughout the day, but also need to use their hands, may be surprised by the freedom a headset can offer.

Once you've decided to try a headset, you may choose either a headset with an adapter or a modular headset.

A headset with an adapter allows you to answer or make a call without lifting the receiver.

A modular headset plugs directly into your phone but requires you to lift the handset to answer a call and hang it up to disconnect.

Another convenient feature of some headsets is Quick Disconnect, which allows you to unsnap from your phone without having to remove your headset or disconnect a call.

Over-the-Ear models have soft, cushioned pads that rest over your ears. The sound is heard through one earpad. In-the-Ear headsets are light units that hang on either ear.

### NEED MORE INFORMATION?

Please see pages 81-84 for more information on headsets. Page 85 details headset accessories and replacement parts.

CALL TOLL-FREE

**1-800-451-2100**

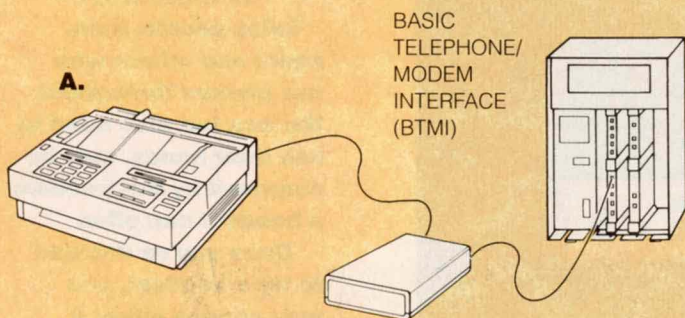
MONDAY-FRIDAY 8AM-8PM EST





# ANSWERING MACHINE AND FAX CONNECTION

## HOW TO CONNECT YOUR ANSWERING MACHINE

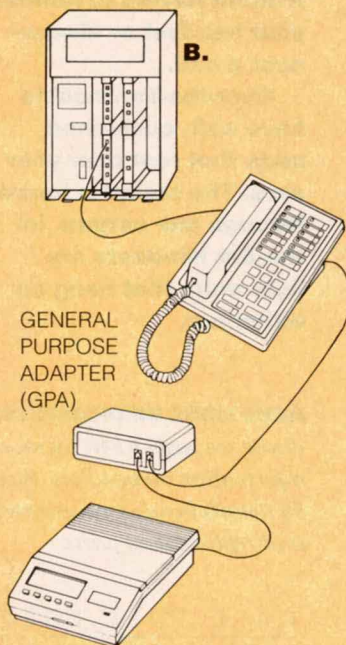


**The convenience and wisdom of using an answering machine are well known. And your MERLIN Plus System provides you with two ways of connecting your answering machine or FAX.**

**A. The first method connects your answering or FAX machine directly to your MERLIN Plus Control Unit using the Basic Telephone/Modem Interface (BTMI).**

**Simply plug your answering machine or FAX into your BTMI, and plug the BTMI into any voice terminal port on your Control Unit. Then all calls coming into the lines assigned to that port will be answered automatically.**

**NOTE:** The BTMI will use one port of your system, reducing by one the number of phones it can handle.



**B. The other way to connect your FAX or answering machine is to use a General Purpose Adapter (GPA). Your machine should be connected to the GPA; the GPA is then connected to the "Other" Jack\* on the underside of your telephone. Your telephone, as usual, is connected to your Control Unit. This device can also connect a modem or automatic dialer.**

**NOTE:** For any questions about connecting your answering machine or FAX to your MERLIN System, just call one of our AT&T Catalog Associates at 1-800-451-2100.



### Model 1330 Answering System

- Microchip records your outgoing message for maximum voice quality
- Remote message retrieval, on/off (from Touch-Tone phones)
- One-Touch Playback

- 2-Way Record
- Changeable Security Code
- Toll Saver
- Time and Day Notation
- Auto Reset
- Made in China

**#10422X.....\$159.95**

**NOTE:** For the full line of AT&T answering machines, see page 93.



### Basic Telephone/Modem Interface

An easy-to-install connector that allows use of several telephone system accessories with your MERLIN Plus System.

- Eliminates the need for a dedicated line for answering machine, modem, cordless phone or FAX
  - Can be programmed to screen incoming calls through an operator
  - Can be programmed to screen outgoing calls by using an access code
  - Accommodates FAX, answering machine, modem or cordless phones
  - Reduces the number of telephone ports on your Control Unit by one
- #2301-BTIA.....\$288**



### General Purpose Adapter

A connector that interfaces telephone system accessories with your MERLIN Plus System.

- Eliminates the need for dedicated lines for system accessories
  - Connects your telephone\* to any of these accessories: Answering Machine, FAX, Modem, Automatic Dialer
- #2301-GPAA.....\$230**

*\* Your telephone must have an "Other" Jack to use this adapter. MERLIN 5-Button Membrane Sets and 10-Button Hands-Free Answer on Intercom Sets (HFAI-10) do not have "Other" Jacks.*



# ANSWERING MACHINE AND FAX CONNECTION

## Dramatic Savings from a Versatile Connector

**M**  
PLUS



### FAX 4515D

A sturdy user-friendly unit with precise, clear prompts, visual indicators and warning signals. Designed for efficient, economical FAX communications with many of the features of more costly FAX machines.

- Full Scanning Width of 8½" handles standard and legal-size originals
- 64 Halftone Capability: for transmission of photographic or illustrated documents
- Automatic Document Feed: handles up to 10 pages
- Auto/Manual Reception: your choice of unattended or attended use
- Confidential Transmission: transmit to the memory of a compatible receiving terminal
- Error Correction Mode: reduces disconnects and data losses
- Paper Cutter: automatically cuts received documents to the length of the original
- Polling: turn-around polling allows you to transmit and receive documents during the same phone call

- Large, 164-foot thermal paper roll reduces lost FAX transmissions
  - Fast—15 seconds per page transmission: saves on phone toll charges
  - Complete with AT&T TRIMLINE® 230 Telephone with 12-number Speed Dial Memory
- #3517-DFX .....\$1,995**  
**Sourcebook**  
**Price .....\$1,595**



### Paper for FAX 4515D

6 rolls of 8½" × 164' thermal paper per carton

- Also Compatible with FAX 3500D, 3520D, and 4525D
- #35001 .....\$68**



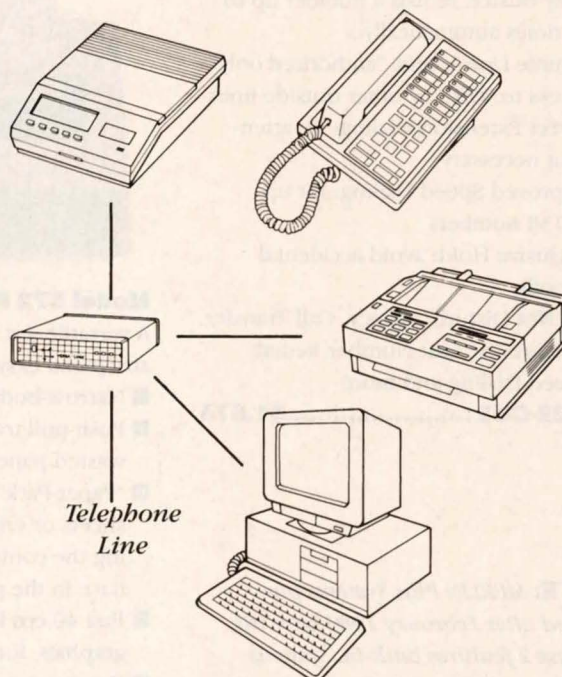
### Versa-Link<sup>10</sup> ATX-300 Computerized Call Processor

An automatic telephone exchange in a package smaller than any breadbox. The Versa-Link Computerized Call Processor will save you time and money the moment you install it.

- Eliminates the need for dedicated lines for up to 3 lower usage FAX, data, and voice devices
- Works with FAX, data, voice transmissions
- Automatically recognizes and routes all incoming calls
- Operational immediately

- Works on single or dual line systems, multiline key\*, PBX Systems and home phones
  - Compatible with Touch-Tone or Rotary phones
  - Programmable security code and manual override
  - Built-in lightning surge protector
  - Must be wired before your Control Unit
  - *Customer installation only*
- #50109H .....\$349.95**

*\*May require additional professionally installed wiring*



CALL TOLL-FREE

**1-800-451-2100**

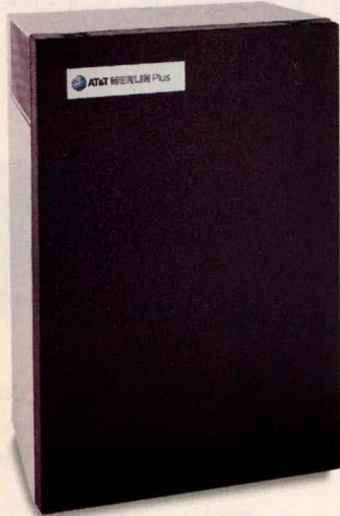
MONDAY-FRIDAY 8AM-8PM EST





# MERLIN PLUS SYSTEM

## CONTROL UNIT



### MERLIN Plus Release 2 Control Unit

Consider what the MERLIN Plus Release 2 Control Unit offers you.

- 4-line/10-station capacity, expandable via expansion cards to 8-line/20-station capacity
- System Answer: prerecorded message puts a caller on hold until the call can be answered
- Call Forwarding: to any phone inside the system
- Disallowed List: individual or system-wide restricted access to any numbers you choose
- Busy Buster: redials a number up to 15 times automatically
- Remote Line Access: "authorized only" access to WATS or other outside lines
- Direct Extension Dialing: no attendant necessary
- Improved Speed Dialing: for up to 130 numbers
- Exclusive Hold: avoid accidental cut-offs
- Do Not Disturb, Privacy, Call Transfer, Conference, Last Number Redial, Speed Dialing and more

**#6122-CU2 .....\$1,575**

**NOTE:** MERLIN Plus Systems purchased after February 1989 have all Release 2 features built-in. Systems purchased before this date may be upgraded to the same capabilities via the Release 2 Memory Module.

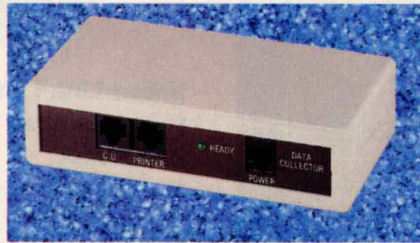
## ENHANCEMENTS

### MERLIN Plus Release 2

#### Memory Module

If you bought your MERLIN Plus System before February 1989, you can get all the benefits of Release 2 when you use this enhancement module to upgrade your existing system.

**#61227A.....\$700**



### MERLIN Plus Data Collector

- Produce a higher level of operating efficiency and accountability
- Produce Call Reports
- Print System Administration Reports to track individual station and system-wide features
- Print hard copies via an AT&T 572 Printer
- Enables attachment of Call Accounting Terminal (CAT/B) or a Call Accounting System (CAS/B), page 91

**#61321A.....\$420**



### Model 572 Printer

A versatile dot matrix printer that's clear, sharp and easy to use.

- Narrow-body 80-column width
- Push-pull tractor helps eliminate wasted paper
- "Paper-Park" allows you to insert cut sheets or envelopes without unloading the continuous forms you may have in the printer
- Fast 40 cps letter-quality, for letters, graphics, forms
- Can print multi-part forms of an original plus 3 copies up to 0.011" thick

**#3333-572 .....\$755**



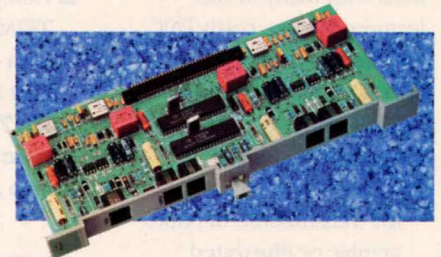
### MERLIN Plus Training Videotapes

- The easiest way to learn about your system
- Concise and clear
- Printed User Training Guide is included

**#10349X for Release 1 .....\$20**

**#10415X for Release 2.....\$20**

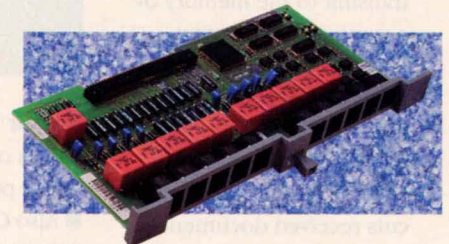
## EXPANSION MODULES



### 4-Line Expansion Card

- Brings your system to full 8-line capacity
- Installs easily
- Includes Installation and User's Guides

**#61225A.....\$1,030**



### 10-Station Expansion Card

- Increases your system to the full 20 stations
- Includes Installation and User's Guides

**#61226A.....\$760**



## The System That's Waiting For Your Company To Grow.



MERLIN 1030/3070  
Control Unit\*

If your MERLIN Control Unit is the one pictured here, you have a modular system designed for easy expansion to accommodate a growing business. Your MERLIN System 1030 Control Unit's capacity of 10 lines and 30 telephones can expand to 30 lines with 70 phones with the addition of the MERLIN System 3070 Expansion Unit and Expansion Modules. You can become more conscious of your company's telecommunication costs by adding a Feature Module like Station Message Detail Recording. Station Message Detail Recording allows your MERLIN 1030/3070 System to print out a record of all calls—indicating the calling extension, the number called and the time and duration of each call. It will be easy to find out where you can cut costs, improve productivity, reduce abuse, and save money in other ways, as well. Add Feature Module 5 to your MERLIN 1030/3070 System, and you really get some MERLIN System magic:

- **Automatic Route Selection:** based on their destinations, all outgoing calls automatically follow the least expensive available route you specify, like your AT&T WATS line; if that route is busy, the call is automatically sent over your next most economical route
- **Direct Group Calling:** internal and external calls can go directly to the number dialed—they do not have to go through the receptionist first; all calls are treated sequentially—if no one answers, or if the line is busy, the call then goes to the operator; maximum of 8 groups with up to 15 telephones in a group—all telephone lines can appear on all telephone sets, up to 30
- **Plus:** One-Touch Intercom Paging, Call Coverage, Privacy, Bridging, Do Not Disturb, On-Hook Dialing, 3 Night Service Features

But your system's growth doesn't stop here. You can easily add Built-In Speakerphone Telephone convenience and a whole complement of optional accessories and enhancement features that will not only make your communications growth a pleasure, but will increase the efficiency of an already impressive system. Take a look, for example, at what an Attendant Console can provide in terms of service and added ease of communicating:

- Can answer all 30 lines
- Visual indicators for Account Code Entry, Leave Word Calling, Number Dialed, Incoming Station I.D. and more—all provided to increase cost-control, time-savings and convenience
- Direct Station Selection, Busy Field Lamp and Message Waiting—for up to 70 Stations with a single shift key
- Plus a 2-line, 40-character LCD for time and date, timer and alarm functions
- And all these features can be added to the system you're already using

*\*Not being sold as a new system to businesses.*

## GLOSSARY:

- **Automatic Route Selection:** Allows the system to be set up so calls are routed over the most cost-efficient lines available.
- **Call Accounting:** Systems available to record and report patterns or instances of telephone usage.
- **Call Coverage:** Allows a user at one phone to receive calls directed to another phone.
- **Direct Group Calling:** Allows up to 6 groups on one system to receive calls from pre-designated outside lines without having to go through the receptionist.
- **Do Not Disturb:** Allows the user to prevent interruption by intercom or audio signal.
- **Outside Auto Dial:** Allows users to program buttons for one-touch dialing of frequently called numbers.
- **Security Code:** A confidential sequence of numbers "lets you in" to a feature or service.

## MINI DIRECTORY

*Use this quick page reference to find equipment found outside this section that will enhance your system.*

Items	Pages
<b>Accessories.....</b>	<b>42-46</b>
<b>Paging Systems...</b>	<b>86-88</b>
<b>Bells and Alerts.....</b>	<b>89</b>
<b>Call Accounting.....</b>	<b>91</b>
<b>Music-on-Hold**</b>	
<b>by Magic On Hold .....</b>	<b>92</b>

*\*\*See Music-on-Hold note on page 92.*

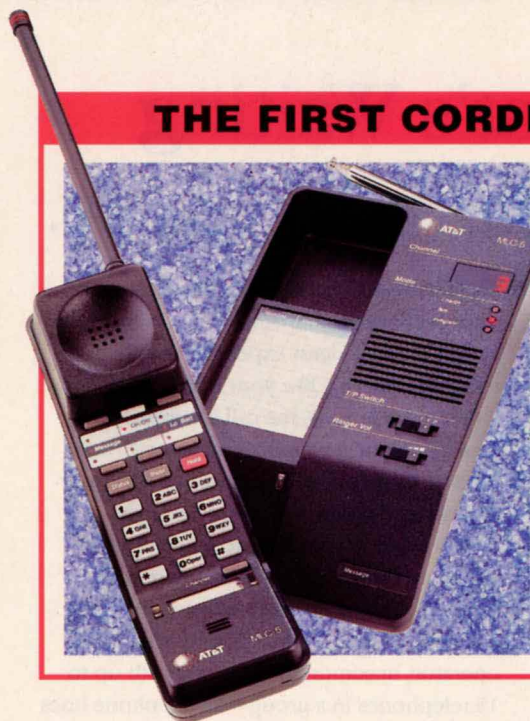


# MERLIN BUILT-IN SPEAKERPHONE TELEPHONES

## COMMON FEATURES FOR BUILT-IN SPEAKERPHONE TELEPHONES:

- **Accessories:** Included are a 9' coiled handset cord, a 14' mounting cord, a desk stand/wall mount and a Set-Up Guide
- **Built-In Speakerphone (BIS):** Place or receive calls outside and conduct conversations, Hands-Free
- **Conference Call:** With up to two internal and two external parties
- **Dual LED Visual Indicators:** Red/green lights that indicate the status of lines, intercom, and programmable features
- **Dual Volume Controls:** Adjust the volume of the speakerphone voice signal, HFAI, and tone ringer
- **Hands-Free Answer on Intercom (HFAI):** Answer and hold an intercom conversation, Hands-Free
- **Intercom:** Reach internal parties quickly, or receive information while on an outside line
- **Message Waiting Light:** Notifies you that the receptionist has a message
- **Microphone:** Mutes the speakerphone, so callers can't overhear private conversations in the room
- **One-Button Call Transfer:** Route calls easily to another extension

## THE FIRST CORDLESS FOR BUSINESS



### MERLIN® Cordless Telephone

The accelerated pace of business keeps you moving, and you can't afford to be chained to your desk waiting for a call. Break barriers with the revolutionary MERLIN Cordless Telephone.

- The first multi-line cordless telephone designed exclusively for business systems
- Integrated with your MERLIN System without connecting equipment or adapters
- 5-Buttons for four outside lines or programmable features, and one intercom line
- Engineered to reduce background noise and interference in business environments
- See the Back Cover for more information

**#3168-MLCA (Black).....\$560**



### 22-Button Built-In Speakerphone Telephone With Display (BIS-22D)

Our newest phone for business users who require a wide range of features and the convenience of a display.

- Alphanumeric Display: Clock, Calendar, Call Timer and Appointment Reminder Alarm, Account Code Display, Internal Calling Party Identification, Number Dialed Display
- 22 buttons with LED indicators for line appearances, intercom and programmable features
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*
- Plus, all the other features of the 22 Button Built-In Speakerphone Telephone on page 23

**#3166-DSBA (Black).....\$455**



### 34-Button Built-In Speakerphone Set With Display (BIS-34D)

- Alphanumeric Display: Clock, Calendar, Call Timer and Appointment Reminder Alarm, Account Code Display, Internal Calling Party Identification, Number Dialed Display
- 34 buttons with LED indicators for line appearances, intercom, and programmable features
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*
- Plus, all the other features of the 34 Button Built-In Speakerphone Telephone on page 23

**#3167-DSBA (Black).....\$520**



# MERLIN BUILT-IN SPEAKERPHONE TELEPHONES

**M**  
1030  
3070



## 34-Button Built-In Speakerphone Telephone (BIS-34)

The economical speakerphone with 34-button convenience.

- 34 buttons with LED indicators for line appearances, intercom and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Hold, Transfer, Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

#3167-34BA (Black) .....\$460



## 22-Button Built-In Speakerphone Telephone (BIS-22)

For quick access to a broad range of features.

- 22 buttons with LED indicators for line appearances, intercom, and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Transfer, Hold, Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

#3166-22BA (Black) .....\$395



## 10-Button Built-In Speakerphone Telephone (BIS-10)

Efficiency and economy are the benefits of this office set. Plus:

- 10 buttons with LED indicators for line appearances, intercom and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Transfer, Hold and Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

#3165-10BA (Black) .....\$355

## COMMON FEATURES (continued)

- **Handsets:** Hearing aid compatible
- **Conference Room Speakerphone:** Compatible with external speakerphone unit for larger areas
- **Port:** Includes a built-in "port" for optional accessories, like a headset adapter
- **Programmable Feature Buttons:** Access the programmable features of your system. These features may include One-Touch Dialing, Privacy, Do-Not-Disturb, Last Number Redial, and more

- **Recall:** Automatically restores dial tone without hanging up; also provides a switch-hook flash

**NOTE:** You may dedicate buttons to outside telephone lines and not program them. The programmable features you can add depends on the configuration and type of your system.

\*See pages 26 and 27 for Headsets and pages 42-46 for MERLIN Telephone accessories.

CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# MERLIN SYSTEM 1030/3070 TELEPHONES

## Attendant Console

An efficient, full-featured display console that's so easy to install, you can do it yourself without special tools. Unique features include:

- Answering for up to 30 lines
- Direct Station Selection, Busy Lamp Field and Message Waiting for 70 stations with a single shift key
- 2-line, 40-character LCD for time and date display and timer and alarm functions
- Visual indicators for Account Code Entry, Leave Word Calling, Number Dialed, Incoming Station I.D. and more
- Complete with instruction booklet, graphic sheets, 9' coiled handset cord, 14' mounting cord and desk stand
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets
- See pages 42-46 for accessories

**#61392A (Black).....\$915**



## SINGLE LINE TELEPHONES



### Standard Touch-Tone Desk Set

- Usable as a power failure set
- Hearing aid compatible "K" handset
- Not compatible with Special Need Handsets\*: Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer
- Uses all Group A Headsets with Adapter 5, or any Group D Headsets
- For accessories, see page 73

**Black**

**#3101-EBD-09A.....\$50**

**Misty Cream**

**#3101-EBD-22A.....\$50**



### Touch-Tone Desk Set with Timed Recall/Timed Disconnect

- Access a second dial tone without disconnecting the first call (when provided by system or Central Office)
- Usable as a power failure set
- Hearing aid compatible "K" handset
- Not compatible with Special Need Handsets\*: Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer
- Uses all Group A Headsets with Adapter 5, or any Group D Headsets
- For accessories, see page 73

**Black**

**#3101-ETR-09A.....\$55**

**Misty Cream**

**#3101-ETR-22A.....\$55**

### Touch-Tone Wall Set

- May be used as a power failure set *only* in loop-start environment
- Hearing aid compatible
- Not compatible with Special Need Handsets\*: Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer
- Uses all Group A Headsets with Adapter 5, or any Group D Headsets
- For accessories, see page 73

**Black**

**#3101-EBW-09A.....\$60**

**Misty Cream**

**#3101-EBW-22A.....\$60**

### Touch-Tone Desk Set

- Can be used as a toll-restricted station
- Special Need Handsets available, see page 75
- Uses all Group A Headsets with Adapter 5, or any Group D Headsets
- For accessories, see page 73

**#3100-TTR-09A (Black).....\$70**

**#3100-TTR-12A (Ivory).....\$70**

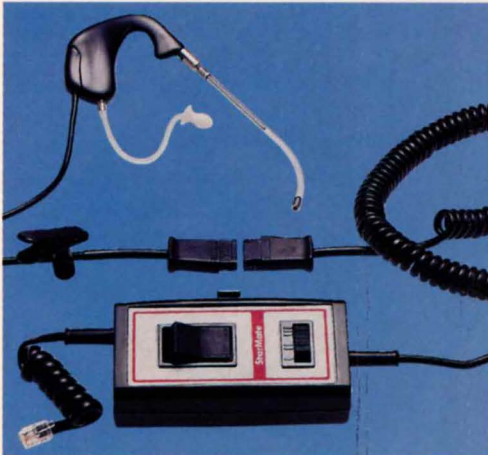
*\*For sets compatible with Special Need Handsets, see pages 72-73.*



# MERLIN TELEPHONE HEADSETS

**M**  
1030  
3070

## GROUP B: MODULAR HEADSETS



### StarSet II—StarMate-E

- In-the-Ear model ■ Hangs on either ear
- Lightweight ■ Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips and User's Guide
- Does not require an adapter

#3122-204A (Black) .....\$175



### Supra—StarMate-E

- Over-the-Ear model
- Includes a single earpad
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide
- Does not require an adapter

#3122-214A (Black).....\$175

## GROUP D: MODULAR HEADSETS



### Supra—StarMate Model

- Over-the-Ear model ■ Dual earpads
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide
- Does not require an adapter

#3122-014A (Brown) .....\$145



### StarSet II—StarMate Model

- In-the-Ear model ■ Hangs on either ear
- Lightweight ■ Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips and User's Guide
- Does not require an adapter

#3122-004A (Ivory).....\$145

## How to Make a Headset Decision

Sales people, managers and others who use phones throughout the day, but also need to use their hands, may be surprised by the freedom a headset can offer.

Once you've decided to try a headset, you may choose either a headset with an adapter or a modular headset without an adapter.

A headset with an adapter allows you to answer or make a call without lifting the handset.

A modular headset plugs directly into your phone but requires you to lift the handset to answer a call and hang it up to disconnect.

Another convenient feature of some headsets is Quick Disconnect, which allows you to unsnap from your phone without having to remove your headset or disconnect the call.

Over-the-Ear models have soft cushioned pads that rest over your ears. The sound is heard through one earpad. In-the-Ear headsets are light units that hang on either ear.

### NEED MORE INFORMATION?

Please see pages 81-84 for more information on headsets. Page 85 details headset accessories and replacement parts.

CALL TOLL-FREE

**1-800-451-2100**

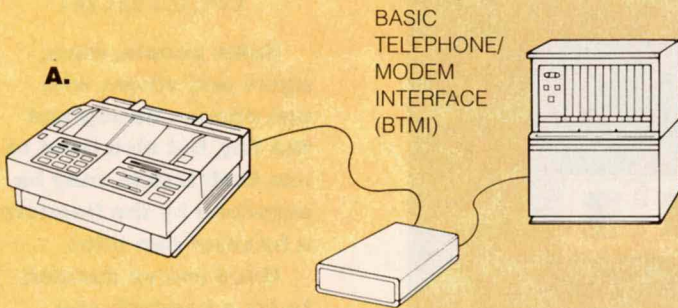
MONDAY-FRIDAY 8AM-8PM EST





## ANSWERING MACHINE AND FAX CONNECTION

## HOW TO CONNECT YOUR ANSWERING MACHINE

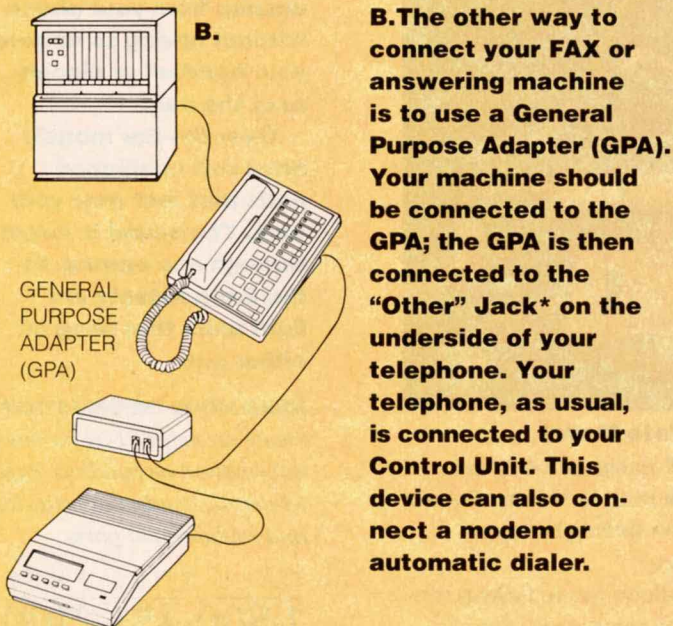


The convenience and wisdom of using an answering machine are well known. And your **MERLIN 1030/3070 System** provides you with two ways of connecting your answering machine or FAX.

**A.** The first method connects your answering or FAX machine directly to your **MERLIN 1030/3070 Control Unit** using the **Basic Telephone/Modem Interface (BTMI)**.

Simply plug your answering machine or FAX into your BTMI, and plug the BTMI into any voice terminal port on your **Control Unit**. Then all calls coming into the lines assigned to that port will be answered automatically.

**NOTE:** The BTMI will use one port of your system, reducing by one the number of phones it can handle.



**B.** The other way to connect your FAX or answering machine is to use a **General Purpose Adapter (GPA)**. Your machine should be connected to the GPA; the GPA is then connected to the "Other" Jack\* on the underside of your telephone. Your telephone, as usual, is connected to your **Control Unit**. This device can also connect a modem or automatic dialer.

**NOTE:** For any questions about connecting your answering machine or FAX to your **MERLIN System**, just call one of our **AT&T Catalog Associates** at 1-800-451-2100.



### Model 1330 Answering System

- Microchip records your outgoing message for maximum voice quality
- Remote message retrieval, on/off (from Touch-Tone phones)
- One-Touch Playback

- 2-Way Record
- Changeable Security Code
- Toll Saver
- Time and Day Notation
- Auto Reset
- Made in China

**#10422X.....\$159.95**

**NOTE:** For the full line of **AT&T answering machines**, see page 93.



### Basic Telephone/Modem Interface

An easy-to-install connector that allows use of several telephone system accessories with your **MERLIN 1030/3070 System**.

- Eliminates the need for a dedicated line for answering machine, modem, cordless phone or FAX
  - Can be programmed to screen incoming calls through an operator
  - Can be programmed to screen outgoing calls by using an access code
  - Accommodates FAX, answering machine, modem or cordless phones
  - Reduces the number of telephone ports on your **Control Unit** by one
- #2301-BTIA .....\$288**



### General Purpose Adapter

A connector that interfaces telephone system accessories with your **MERLIN 1030/3070 System**.

- Eliminates the need for dedicated lines for system accessories
  - Connects your telephone\* to any of these accessories: Answering Machine, FAX, Modem, Automatic Dialer
- #2301-GPAA.....\$230**

\* Your telephone must have an "Other" Jack to use this adapter. **Merlin 5-Button Membrane Sets** and **10-Button Hands-Free Answer on Intercom Sets (HFAI-10)** do not have "Other" Jacks.



# ANSWERING MACHINE AND FAX CONNECTION

## Dramatic Savings from a Versatile Connector

**M**  
1030  
3070



### FAX 4515D

A sturdy user-friendly unit with precise, clear prompts, visual indicators and warning signals. Designed for efficient, economical FAX communications with many of the features of more costly FAX machines.

- Full Scanning Width of 8 1/2" handles standard and legal-size originals
- 64 Halftone Capability: for transmission of photographic or illustrated documents
- Automatic Document Feed: handles up to 10 pages
- Auto/Manual Reception: your choice of unattended or attended use
- Confidential Transmission: transmit to the memory of a compatible receiving terminal
- Error Correction Mode: reduces disconnects and data losses
- Paper Cutter: automatically cuts received documents to the length of the original
- Polling: turn-around polling allows you to transmit and receive documents during the same phone call

- Large, 164-foot thermal paper roll reduces lost FAX transmissions
- Fast—15 seconds per page transmission: saves on phone toll charges
- Complete with AT&T TRIMLINE® 230 Telephone with 12-number Speed Dial Memory

**#3517-DFX .....\$1,995**

### Sourcebook

**Price .....\$1,595**



### Paper for FAX 4515D

6 rolls of 8 1/2" x 164' thermal paper per carton

- Also compatible with FAX 3500D, 3520D, and 4525D

**#35001 .....\$68**



### Versa-Link<sup>10</sup> ATX-300 Computerized Call Processor

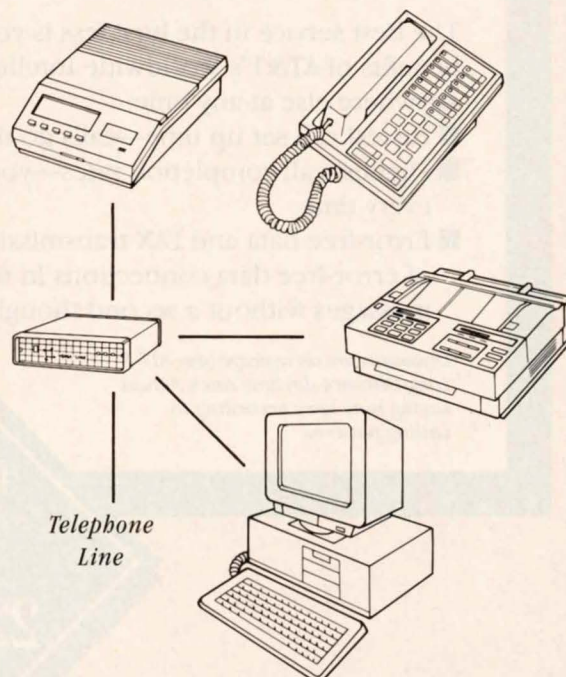
An automatic telephone exchange in a package smaller than any breadbox. The Versa-Link Computerized Call Processor will save you time and money the moment you install it.

- Eliminates the need for dedicated lines for up to 3 lower usage FAX, data, and voice devices
- Works with FAX, data, voice transmissions
- Automatically recognizes and routes all incoming calls
- Operational immediately

- Works on single or dual line systems, multiline key\*, PBX Systems and home phones
- Compatible with Touch-Tone or Rotary phones
- Programmable security code and manual override
- Built-in lightning surge protector
- Must be wired before your Control Unit

**\*Customer installation only  
#50109H .....\$349.95**

*\*May require additional professionally installed wiring*



CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# AT&T SERVICES

## AT&T LONG DISTANCE & PRO<sup>SM</sup> WATS

### The Money-Saving Calling Plan for Any Size Business.

AT&T's unbeaten quality and service are more economical than ever. With AT&T, your calls go through the first time, virtually every time. Voice communications sound crisp and clear. Data and FAX can be transmitted at the highest error-free rate in the industry. Billing is accurate, detailed and timely. At AT&T, we worry about quality and performance so you won't have to.

With AT&T PRO WATS you can get discounts of 10%–26%\*, or more, on direct-dialed state-to-state AT&T Long Distance calls. You'll also get discounts of between 10% and 15% on state-to-state AT&T Card calls and up to 15% on many AT&T International Long Distance calls to more than 45 countries/locations.\*\*

Take advantage of savings of 10%–15% on in-state AT&T Long Distance calls by subscribing to an AT&T PRO WATS State plan available in 38 states.

Saving money is simple. AT&T PRO<sup>SM</sup> WATS works over your regular telephone lines. There's no equipment to buy or install. You'll receive WATS-like savings that can apply to all your transmissions—voice, FAX and data.

The unique structure of AT&T PRO WATS suits businesses of any size. If you make over \$50 worth of long distance calls a month, AT&T PRO WATS can give your business the solid value you expect from AT&T. It's the one plan that provides you with increased discounts automatically as your volume grows. Your one-time start-up fee is only \$10, and your monthly subscription fee of \$5 entitles you to the special rates and discounts.

The best service in the business is yours with AT&T PRO WATS. You get all the benefits of AT&T's Worldwide Intelligent Network—benefits you won't get anywhere else at any time:

- Fastest call set up time—calls go through faster, even at peak hours.
- Highest call completion rates—your calls go through the first time, virtually every time.
- Error-free data and FAX transmission—AT&T delivers the highest percentage of error-free data connections in the industry, so you can send data and FAX messages without a second thought.

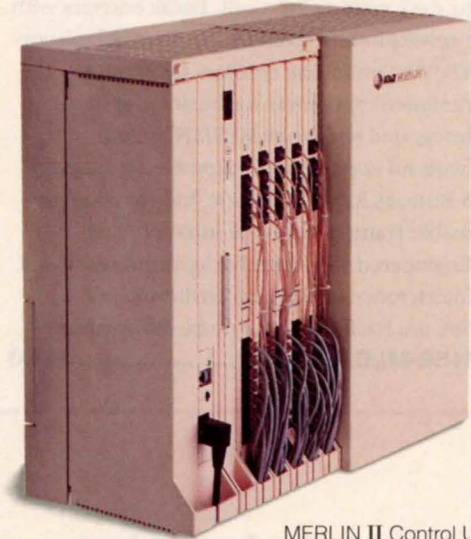
*\*Discounts are on average over AT&T Long Distance daytime rates. Actual saving may vary according to calling patterns.*

*\*\* International savings are during standard and discount rate periods.*





# Where Data and Voice Communications Meet



MERLIN II Control Unit

If your business uses the MERLIN II System, you have a communication system that gives you true integration of voice and data. Your MERLIN II System can also provide as many as 56 Central Office lines, 72 phones and 64 data terminals.\* MERLIN II is configured to permit FAX connectivity, conference and data connectivity, multiline sets for more sophisticated functions, plus other features of full-time system functionality that expedite the handling of heavy inbound and outbound call volumes. All designed to save time and improve cost-efficiency.

## MERLIN II System Voice Features:

- **Non-Blocking Switch:** access an available outside or intercom line every time
- **Automatic Route Selection:** calls go over the most economical route available
- **Direct Group Calling:** calls go directly to a specified group of numbers without going through the operator
- **Pooled Line:** similar lines (e.g. WATS) are grouped into one-button access pools
- **Behind Switch Operation:** hospitals, universities, brokerages etc. avail themselves of their PBX or Centrex features, plus the features of the MERLIN II System
- **Direct Inward System Access:** reduce receptionist handling of incoming calls, while minimizing the need for costly Direct Inward Dial lines

## MERLIN II System Data Features:

- Automatic Answer
- Data Hunt Groups, Data Privacy
- On-Premises Host Access, Modem Pooling
- Terminal Dialing with Voice Pre-Indication
- Simultaneous Voice/Data
- Data Only Stations

## Advanced communications introduced through the MERLIN II Release 3:

- **MERLIN II Attendant:** automatically greets callers and tells them how to reach specific extensions. Your attendant can be programmed to answer incoming calls on all or some lines, all overflow calls, or night calls, and allows guests or employees to receive calls after hours (through MERLIN II Attendant) greatly reducing receptionist overload and possible cutoffs
- **Tie-Line Support:** lower your inter-office communications costs
- **Display Features:** Incoming Line I.D.—to better enable appropriate call answering and message taking; Posted Messages—lets any user leave a message for internal callers with display sets
- **Productivity Features:** expanded 130 number System Speed Dial, plus Group Page-All
- **Cost-Control Features:** a new Disallowed List enables you to block calls to specific area codes or exchanges (e.g. 900 and 976 calls)

## MERLIN II Hospitality Features

- A host of hotel/motel communications conveniences
- Single Line Sets with Message Waiting
- Extended Station Status: for housekeeping signaling or for guest room telephone cost-control
- Flexible Numbering: to match extensions with room numbers, assignment of single digit numbers to guest conveniences
- Wake Up/Reminder Service with the Display Set, Wake Up/Reminder Call Log and Missed Wake Up/Reminder Call Display

\*Maximums cannot be reached simultaneously

\*\*See Music-on-Hold note on page 92.

## GLOSSARY:

- **Automatic Answer:** Allows modem to answer all incoming calls
- **Automatic Route Selection:** Lets users set up the system to automatically route calls via the most cost-efficient lines
- **Data Hunt Groups:** Configuration of data ports that will allow easy access to an idle port
- **Data Privacy:** Prevents data calls from being interrupted
- **Direct Group Calling:** Allows up to 6 groups on one system to receive calls from predesignated outside lines without having to go through the receptionist
- **Modem Pooling:** Through shared external modems, access to on- or off-premises data or computers without having to dedicate a modem to each user
- **On-Premises Host Access:** Ability to configure a data hunt group for an on-premises computer with multiple access ports

## MINI DIRECTORY

Use this quick reference to locate equipment found outside this section that will enhance your system

Items	Pages
Accessories .....	42-46
Paging Systems .....	86-88
Bells and Alerts .....	89
Call Accounting .....	91
Music-on-Hold**	
by Magic On Hold .....	92

CALL TOLL-FREE  
1-800-451-2100

MONDAY-FRIDAY 8AM-8PM EST





# MERLIN BUILT-IN SPEAKERPHONE TELEPHONES

## COMMON FEATURES FOR BUILT-IN SPEAKERPHONE TELEPHONES:

■ **Accessories:** Included are 9' coiled handset cord, 14' mounting cord, desk stand/wall mount and Set-Up Guide

■ **Built-In Speakerphone (BIS):** Place or receive calls outside and conduct conversations, Hands-Free

■ **Conference Call:** With up to two internal and two external parties

■ **Dual LED Visual Indicators:** Red/green lights that indicate the status of lines, intercom, and programmable features

■ **Dual Volume Controls:** Adjust the volume of the speakerphone voice signal, HFAI, and tone ringer

■ **Hands-Free Answer on Intercom (HFAI):** Answer and hold an intercom conversation, Hands-Free

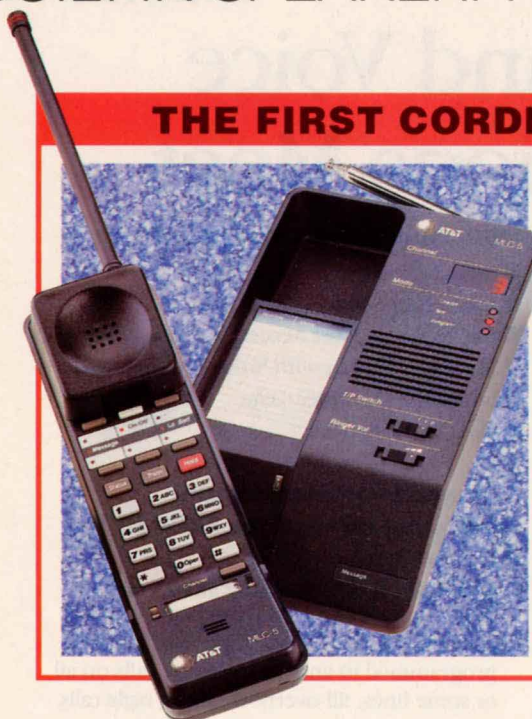
■ **Intercom:** Reach internal parties quickly, or receive information while on an outside line

■ **Message Waiting Light:** Notifies you that the receptionist has a message

■ **Microphone:** Mutes the speakerphone, so callers can't overhear private conversations in the room

■ **One-Button Call Transfer:** Route calls easily to another extension

## THE FIRST CORDLESS FOR BUSINESS



### MERLIN® Cordless Telephone

The accelerated pace of business keeps you moving, and you can't afford to be chained to your desk waiting for a call. Break barriers with the revolutionary MERLIN Cordless Telephone.

- The first multi-line cordless telephone designed exclusively for business systems
- Integrated with your MERLIN System without connecting equipment or adapters
- 5-Buttons for four outside lines or programmable features, and one intercom line
- Engineered to reduce background noise and interference in business environments
- See the Back Cover for more information

**#3168-MLCA (Black).....\$560**



### 22-Button Built-In Speakerphone Telephone With Display (BIS-22D)

Our newest phone for business users who require a wide range of features and the convenience of a display.

- Alphanumeric Display: Clock, Calendar, Call Timer and Appointment Reminder Alarm, Account Code Display, Internal Calling Party Identification, Number Dialed Display
- 22 buttons with LED indicators for line appearances, intercom and programmable features
- Hearing aid compatible
- Accommodates all Group A Headsets with Adapter 1, or any Group B Headsets\*
- Plus, all the other features of the 22 Button Built-In Speakerphone Telephone on page 33

**#3166-DSBA (Black).....\$455**



### 34-Button Built-In Speakerphone Set With Display (BIS-34D)

- Alphanumeric Display: Clock, Calendar, Call Timer and Appointment Reminder Alarm, Account Code Display, Internal Calling Party Identification, Number Dialed Display
- 34 buttons with LED indicators for line appearances, intercom, and programmable features
- Hearing aid compatible
- Accommodates all Group A Headsets with Adapter 1, or any Group B Headsets\*
- Plus, all the other features of the 34 Button Built-In Speakerphone Telephone on page 33

**#3167-DSBA (Black).....\$520**



# MERLIN BUILT-IN SPEAKERPHONE TELEPHONES

M  
II



## 34-Button Built-In Speakerphone Telephone (BIS-34)

The economical speakerphone with 34-button convenience.

- 34 buttons with LED indicators for line appearances, intercom and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Hold, Transfer, Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

**#3167-34BA (Black) .....\$460**



## 22-Button Built-In Speakerphone Telephone (BIS-22)

For quick access to a broad range of features.

- 22 buttons with LED indicators for line appearances, intercom, and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Transfer, Hold, Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

**#3166-22BA (Black) .....\$395**



## 10-Button Built-In Speakerphone Telephone (BIS-10)

Efficiency and economy are the benefits of this office set. Plus:

- 10 buttons with LED indicators for line appearances, intercom and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Transfer, Hold and Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

**#3165-10BA (Black) .....\$355**

## COMMON FEATURES (continued)

- **Handsets:** Hearing aid compatible
- **Conference Room Speakerphone:** Compatible with external speakerphone unit for larger areas
- **Port:** Includes a built-in "port" for optional accessories, like a headset adapter
- **Programmable Feature Buttons:** Access the programmable features of your system. These features may include One-Touch Dialing, Privacy, Do-Not-Disturb, Last Number Redial, and more
- **Recall:** Automatically restores dial tone without hanging up; also provides a switch-hook flash

**NOTE:** You may dedicate buttons to outside telephone lines and not program them. The programmable features you can add depends on the configuration and type of your system.

\*See pages 36 and 37 for Headsets and pages 42-46 for MERLIN Telephone accessories.

CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# MERLIN II TELEPHONES

## MERLIN II Display Console

An efficient, full-featured Attendant Console that's so easy to install, you can do it yourself without special tools. Unique features include:

- Answering for up to 32 lines
- Direct Station Selection, Busy Lamp Field and Message Waiting for 72 stations with a single shift key
- 2-line, 40-character LCD for time and date, timer and alarm functions
- Visual indicators for Account Code Entry, Leave Word Calling, Number Dialed, Incoming Station I.D., and more
- Handles 8 consoles
- Includes instruction booklet, graphic sheets for Release 2, System Administration, 9' coiled



- handset cord, 14' mounting cord and desk stand
- Uses all Group A Headsets with Adapter 1 or any Group B Headsets\*
- See pages 42-46 for accessories

**Black**  
**#61392A.....\$915**



## Model 7406 Digital Voice Terminal With Display

- 48-character LCD—which means you'll get a complete message every time
- Can be used with two-way Speakerphone Module (#31865A page 65) and Wall Mount (#31820A)
- Uses all Group A Headsets with Adapter 3 or any Group B Headsets\*
- Includes User's Guide
- See page 65 for accessories

**Black**  
**#3182-LDM-09A....\$460**  
**Misty Cream**  
**#3182-LDM-22A....\$460**

## Single Line Telephone with Message Waiting Light and Recall Button

- All single line functions
- Message Waiting Indicator
- Recall Button to access system features
- Includes Installation and User's Guides
- Cannot be used with a speakerphone
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets\*
- See page 73 for accessories

**Black**  
**#3178-NHL-09A.....\$70**



## Model 7406D Digital Voice Terminal

- Versatile, multi-line capable terminal for manager or secretary.
- 17 buttons for lines and programmable features
- Built-in one-way speaker for Hands-Free dialing and group listening
- Can be used with two-way Speakerphone Module (#31865A, page 65) for

- 2-way, Hands-Free conversation.
- Includes User's Guide
- Uses all Group A Headsets with Adapter 3 or any Group B Headsets\*
- See page 65 for accessories

**Black**  
**#3183-LDM-09A ....\$345**  
**Misty Cream**  
**#3183-LDM-22A ...\$345**

\*See Headsets on pages 36-37





## SINGLE LINE TELEPHONES



### Touch-Tone Desk Set with Timed Recall/Timed Disconnect

- Access a second dial tone without disconnecting the first call (when provided by system or Central Office)
  - Usable as a power failure set
  - Hearing aid compatible "K" handset
  - Not compatible with Special Need Handsets\* Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer
  - For accessories, see page 73
  - Uses all Group A Headsets with Adapter 5 or any Group D Headsets (pages 62-63)
- #3101-ETR-09A (Black).....\$55**  
**#3101-ETR-22A (Misty Cream) .....\$55**

### Standard Touch-Tone Desk Set

- Usable as a power failure set
  - Hearing aid compatible "K" handset
  - Not compatible with Special Need Handsets\* Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer
  - For accessories, see page 73
  - Uses all Group A Headsets with Adapter 5 or any Group D Headsets (pages 62-63)
- #3101-EBD-09A (Black).....\$50**  
**#3101-EBD-22A (Misty Cream) .....\$50**

### Touch-Tone Wall Set

- May be used as a power failure set *only* in loop-start environment
  - Hearing aid compatible
  - Not compatible with Special Need Handsets\* Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer
  - For accessories, see page 73
  - Uses all Group A Headsets with Adapter 5 or any Group D Headsets (pages 62-63)
- #3101-EBW-09A (Black).....\$60**  
**#3101-EBW-22A (Misty Cream).....\$60**

\*For Special Need Handset compatibility, see page 75.

### Rotary Desk Set

- Uses all Group A Headsets with Adapter 5 or any Group D Headsets (pages 62-63)
- #3101-ORD-09A (Black) .....\$45**  
**#3101-ORD-12A (Ivory) .....\$45**

## ACCESSORIES



### Soft Shoulder Rest

Just what you need to free your hands and rest your neck.

- Comfortable and non-slip
  - Attachable to many styles of telephones
  - For standard handsets
- #10126X (Black) .....\$9.95**  
**#10127X (Ivory).....\$9.95**

### Mini Soft Shoulder Rest

- #10125X (Black) .....\$6.95**
- #10128X (Ivory).....\$6.95**
- #10129X (Misty Cream) .....\$6.95**

### Designer Cords

- Black with Silver Stripe**
- #10188X (12 Foot) .....\$5**
- Misty Cream with Taupe Stripe**
- #10189X (12 Foot) .....\$5**

### Black Handset Cords

- #10238X (6 Foot) .....\$3**
- #10609X (9 Foot) .....\$4**
- #10089X (12 Foot) .....\$5**
- #10132X (25 Foot) .....\$9**

### Misty Cream Handset Cords

- #10239X (6 Foot) .....\$3**
- #10608X (9 Foot) .....\$4**
- #2725-01LM (12 Foot).....\$5**
- #10241X (25 Foot) .....\$9**

## REASONS TO CHOOSE A MERLIN II RELEASE 3 UPGRADE:

The **MERLIN II** Release 3 Upgrade can bring your system qualitatively enhanced operational advantages.

■ **Answerability Benefits:**  
MERLIN II Attendant greets callers and tells them how to reach specific extensions

■ **Tie-Line Support:**  
Allows connection of the MERLIN II System to another communication system located nearby or miles away (a Tie-Line is a dedicated private line that can lower communications costs between two locations)

■ **Display Features:**  
Incoming line identification enables simpler and more accurate call answering and message taking

■ **Posted Messages:**  
Lets user leave a message for internal callers with display sets—up to 20 customized messages

■ **Productivity Features:**  
The list begins with an expanded 130 number System Speed Dial, and the new Group Page-All feature

■ **Cost Control:** Among other innovative functions, a new Disallowed List enables you to block calls to designated area codes or exchanges (e.g. 900 or 976 numbers) and there are new capabilities and options in call accounting systems and call accounting reports

CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# MERLIN TELEPHONE HEADSETS

## GROUP A: ADAPTERS



### Adapter 1

- Connects the headset to the telephone
  - Allows you to answer or make calls without lifting the handset
  - For MERLIN Telephones (except 5-Button and HFAI-10)
  - Includes User's Guide
- #3164-HFAA .....\$184**

### Adapter 3

- Connects the headset to the telephone
  - Allows you to answer or make calls without lifting the handset
  - Same housing as the Adapter 1, but with different circuitry
  - For 7000 Series Telephones, (except 7407D, 7303S, 7305S and 7401D)
  - Includes User's Guide
- #31712A.....\$290**



### Adapter 5

- Connects the headset to the telephone
  - Allows you to answer or make calls without lifting the handset
  - For Single Line Telephones
  - Includes User's Guide
- #3124-180A .....\$130**

## GROUP A: HEADSETS WITH ADAPTERS



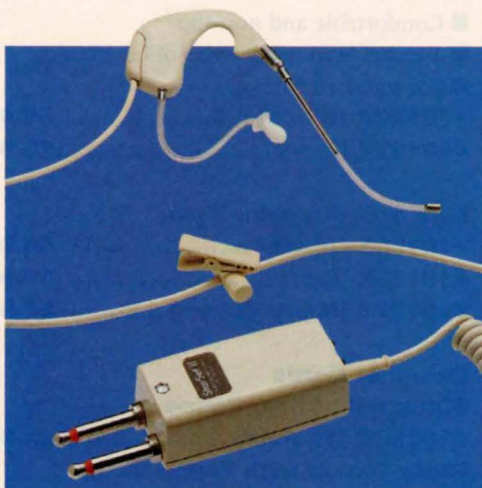
### Supra Standard Model

- Over-the-Ear mono-aural model
  - Answer calls without lifting handset
  - Soft, cushioned pads rest over your ears
  - Includes clothing clip and User's Guide
  - Requires an adapter
- #3122-011A (Brown) .....\$120**



### Supra Deluxe Model

- Over-the-Ear mono-aural model
  - All the features of the Supra Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
  - Includes clothing clip and User's Guide
  - Requires an adapter
- #3122-012A (Brown).....\$130**



### StarSet II—Standard Model

- In-the-Ear model
  - Lightweight
  - Hangs on either ear
  - Answer calls without lifting handset
  - Built-In Volume Control
  - Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
  - Requires an adapter
- #3122-001A (Ivory).....\$140**



### StarSet II—Deluxe Model

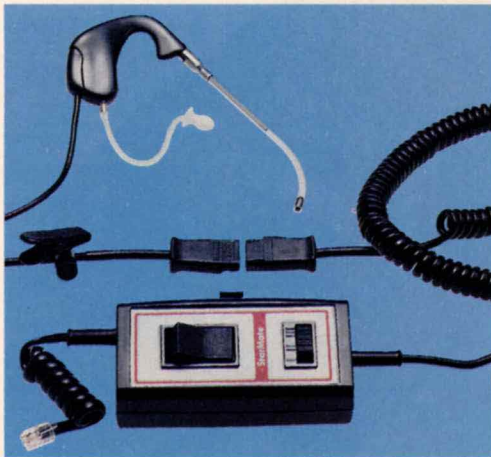
- In-the-Ear model
  - All the features of the StarSet II Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
  - Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
  - Requires an adapter
- #3122-002A (Ivory) .....\$160**



# MERLIN TELEPHONE HEADSETS

**M**  
II

## GROUP B: MODULAR HEADSETS



### StarSet II—StarMate-E

- In-the-Ear model ■ Hangs on either ear
- Lightweight ■ Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips and User's Guide
- Does not require an adapter

#3122-204A (Black) .....\$175



### Supra—StarMate-E

- Over-the-Ear model
- Includes a single earpad
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide
- Does not require an adapter

#3122-214A (Black) .....\$175

## GROUP D: MODULAR HEADSETS



### Supra—StarMate Model

- Over-the-Ear model ■ Dual earpads
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide
- Does not require an adapter

#3122-014A (Brown) .....\$145



### StarSet II—StarMate Model

- In-the-Ear model ■ Hangs on either ear
- Lightweight ■ Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips and User's Guide
- Does not require an adapter

#3122-004A (Ivory) .....\$145

## How to Make a Headset Decision

Sales people, managers and others who use phones throughout the day, but also need to use their hands, may be surprised by the freedom a headset can offer.

Once you've decided to try a headset, you may choose either a headset with an adapter or a modular headset without an adapter.

A headset with an adapter allows you to answer or make a call without lifting the handset.

A modular headset plugs directly into your phone but requires you to lift the handset to answer a call and hang it up to disconnect.

Another convenient feature of some headsets is Quick Disconnect, which allows you to unsnap from your phone without having to remove your headset or disconnect the call.

Over-the-Ear models have soft cushioned pads that rest over your ears. The sound is heard through one earpad. In-the-Ear headsets are light units that hang on either ear.

### NEED MORE INFORMATION?

Please see pages 81-84 for more information on headsets. Page 85 details headset accessories and replacement parts.

CALL TOLL-FREE

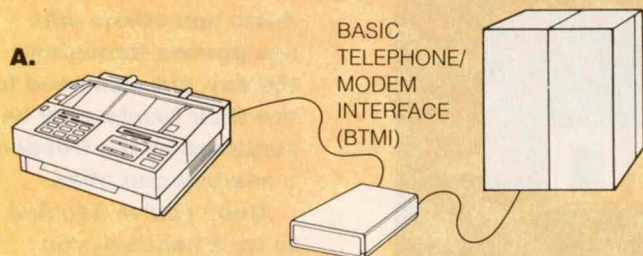
**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





## HOW TO CONNECT YOUR ANSWERING MACHINE

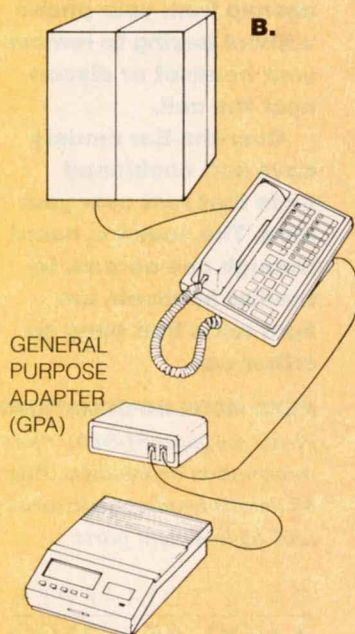


The convenience and wisdom of using an answering machine are well known. And your **MERLIN II System** provides you with two ways of connecting your answering machine or FAX.

**A.** The first method connects your answering or FAX machine directly to your **MERLIN II Control Unit** using the **Basic Telephone/Modem Interface (BTMI)**.

Simply plug your answering machine or **FAX** into your **BTMI**, and plug the **BTMI** into any voice terminal port on your **Control Unit**. Then all calls coming into the lines assigned to that port will be answered automatically.

**NOTE:** The **BTMI** will use one port of your system, reducing by one the number of phones it can handle.



**B.** The other way to connect your **FAX** or answering machine is to use a **General Purpose Adapter (GPA)**. Your machine should be connected to the **GPA**; the **GPA** is then connected to the "Other" Jack\* on the underside of your telephone. Your telephone, as usual, is connected to your **Control Unit**. This device can also connect a modem or automatic dialer.

**NOTE:** For any questions about connecting your answering machine or FAX to your **MERLIN System**, just call one of our **AT&T Catalog Associates** at 1-800-451-2100



### Model 1330 Answering System

- Microchip records your outgoing message for maximum voice quality
- Remote message retrieval, on/off (from Touch-Tone phones)
- One-Touch Playback

- 2-Way Record
- Changeable Security Code
- Toll Saver
- Time and Day Notation
- Auto Reset
- Made in China

**#10422X.....\$159.95**

**NOTE:** For the full line of **AT&T** answering machines, see page 93.



### Basic Telephone/Modem Interface

An easy-to-install connector that allows use of several telephone system accessories with your **MERLIN II System**.

- Eliminates the need for a dedicated line for answering machine, modem, cordless phone or FAX
- Can be programmed to screen incoming calls through an operator
- Can be programmed to screen outgoing calls by using an access code
- Accommodates FAX, answering machine, modem or cordless phones
- Reduces the number of telephone ports on your Control Unit by one

**#2301-BTIA .....\$288**

### General Purpose Adapter

A connector that interfaces telephone system accessories with your **MERLIN II System**.

- Eliminates the need for dedicated lines for system accessories
- Connects your telephone\* to any of these accessories: Answering Machine, FAX, Modem, Automatic Dialer

**#2301-GPAA.....\$230**

\* Your telephone must have an "Other" Jack to use this adapter. **MERLIN 5-Button Membrane Sets** and **10-Button Hands-Free Answer on Intercom Sets (HFAI-10)** do not have "Other" Jacks.



# AT&T SERVICES



## Your 1990 Guide to Toll- Free Calling.

Customer service. Product pricing. Supply and material vendors. Catalog shopping. Travel and lodging assistance. Federal, state and association offices. It's all right here in your 1990 AT&T Toll-Free 800 Directories.

These directories are your introduction to tens of thousands of businesses, organizations and government agencies that you can reach toll-free. And finding the number you're looking for is easy, because listings are arranged both alphabetically and by their product or service. With over 180,000 listings in more than 1000 categories, you'll find these directories can help you with just about anything, including:

- Comparing prices on products and services from suppliers and manufacturers—both retail *and* wholesale.
- Getting information from customer service and consumer hotlines.
- Making travel and hotel arrangements for business or pleasure. And much more.

Plus, using your Directories can mean big savings for you—in both time and money—because you're dealing directly with companies eager to serve you *and* all the calls you make are toll-free!

**#10498X (Business Edition) .....\$14.95**

**#10499X (Consumer Edition) .....\$9.95**

## Benefit from an Inbound AT&T 800 Calling Number.

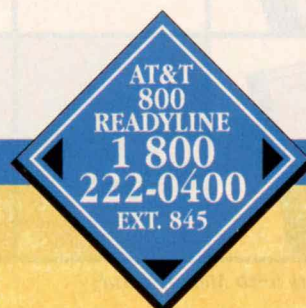
Your business, whatever its size, can benefit from toll-free "800" inbound calling... you can get started for less than \$45 without the need for any on-site installation or the expense of installing special telephone lines. Calls are completed over your regular telephone lines.

The AT&T 800 READYLINE® service low start-up costs and quick implementation mean that any advertising, telemarketing program or seasonal promotion can enjoy quick, toll-free response. Use for customer service, placing orders and employee calling.

You can customize your calling coverage by state and area code. Service is available nationwide for out-of-state calling. In-state calling is available in over 42 selected states. Toll-free calls are even available from Canada, Mexico, and overseas. Out-of-state and in-state calls complete over the same lines. And Call Data Reports are now available free of charge to help you better understand your marketplace.


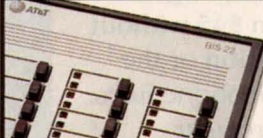



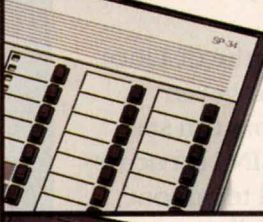

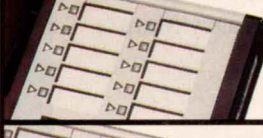
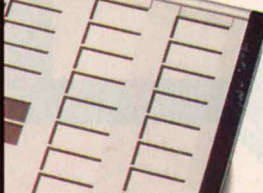
Calls are priced according to the distance and length of each call. There are even volume usage discount plans that can save you money. AT&T 800 READYLINE service is also compatible with your local telephone company calling features like Call Forwarding and Call Waiting. Put AT&T 800 READYLINE service to work for you!

Now, the AT&T Advanced 800 Call Management features are available with 800 READYLINE, e.g., Time Manager, Day Manager, Call Prompter.





# MERLIN TELEPHONE ACCESSORIES CHART

<div> <div>ACCESSORIES</div> <div>TELEPHONES</div> </div>	LABELING			DESK STANDS & WALL MOUNTS			HANDSETS		
	Designation Strips	Silver Graphics	Clear Faceplates	Black Plastic (Wall/Desk Mounts)	Metal Adjustable Desk Stand	Desk/Wall Mount	Replacements	Amplified	Noisy Environment
 <b>BIS-10</b>	N/A	10366X	10359X	10362X	N/A	N/A	10200X	31753A	31754A
 <b>BIS-22</b>	N/A	10357X	10360X	10363X	N/A	N/A	10200X	31753A	31754A
 <b>BIS-22D</b>	N/A	10504X	10505X	10363X	N/A	N/A	10200X	31753A	31754A
 <b>BIS-34 &amp; BIS-34D</b>	N/A	10358X	10361X	10364X	N/A	N/A	10200X	31753A	31754A
 <b>HFAI-10</b>	N/A	10025X	10359X	10362X	N/A	N/A	10200X	31753A	31754A
 <b>SP-34 &amp; SP-34D</b>	N/A	10099X	10361X	10364X	N/A	N/A	10200X	31753A	31754A
 <b>5B</b>	10023X	N/A	N/A	10362X	N/A	10368X	10200X	31753A	31754A
 <b>10B</b>	10024X	N/A	N/A	10362X	10370X	10368X or 10372X*	10200X	31753A	31754A
 <b>34B &amp; 34D</b>	10024X	N/A	N/A	N/A	10371X	10373X	10200X	31753A	31754A

\* Wall Mount for sets with Metal Stands



BLACK HANDSET CORDS				MALE/MALE MOUNTING CORDS			MALE/FEMALE MOUNTING CORDS (EXTENSION CORDS)					SPEAKERPHONES
6 Foot	9 Foot	12 Foot	25 Foot	7 Foot	14 Foot	25 Foot	14 Foot	25 Foot	50 Foot	75 Foot	100 Foot	
10238X	10609X	10089X	10132X	10090X	10091X	10092X	10095X	10096X	10097X	10098X	10094X	31777A**
10238X	10609X	10089X	10132X	10090X	10091X	10092X	10095X	10096X	10097X	10098X	10094X	31777A**
10238X	10609X	10089X	10132X	10090X	10091X	10092X	10095X	10096X	10097X	10098X	10094X	31777A**
10238X	10609X	10089X	10132X	10090X	10091X	10092X	10095X	10096X	10097X	10098X	10094X	31777A**
10238X	10609X	10089X	10132X	10090X	10091X	10092X	10095X	10096X	10097X	10098X	10094X	N/A
10238X	10609X	10089X	10132X	10090X	10091X	10092X	10095X	10096X	10097X	10098X	10094X	31777A**
10238X	10609X	10089X	10132X	10090X	10091X	10092X	10095X	10096X	10097X	10098X	10094X	N/A
10238X	10609X	10089X	10132X	10090X	10091X	10092X	10095X	10096X	10097X	10098X	10094X	31777A
10238X	10609X	10089X	10132X	10090X	10091X	10092X	10095X	10096X	10097X	10098X	10094X	31777A

\*\* For Conference Room Applications



# MERLIN TELEPHONE ACCESSORIES

## LABELING

**Designation Strips**  
**For 5-Button**  
**Membrane Sets**  
**#10023X.....15/pkg \$5**  
**For 10-Button & 34-**  
**Button Membrane Sets**  
**#10024X.....5/pkg \$10**

**Silver Graphic Layers**  
**For BIS-10**  
**#10366X.....5/pkg \$10**  
**For BIS-22**  
**#10357X.....5/pkg \$12**  
**For BIS-22D**  
**#10504X.....5/pkg \$14**  
**For BIS-34 & BIS-34D**  
**#10358X.....5/pkg \$14**  
**For HFAI-10**  
**#10025X.....5/pkg \$10**  
**For SP-34 & SP-34D**  
**#10099X.....5/pkg \$14**

**Clear Faceplates**  
**For BIS-10 & HFAI-10**  
**#10359X.....3/pkg \$10**  
**For BIS-22**  
**#10360X.....3/pkg \$12**  
**For BIS-22D**  
**#10505X.....3/pkg \$14**  
**For BIS-34, SP-34, BIS-**  
**34D, SP-34D**  
**#10361X.....3/pkg \$14**



### Soft Shoulder Rest

What you need to free your hands and rest your neck.

- Comfortable and non-slip
- Attaches to many styles of telephones
- For standard handsets

**Black**

**#10126X.....\$9.95**

### Mini Soft Shoulder Rest

**Black**

**#10125X.....\$6.95**

**Misty Cream**

**#10129X.....\$6.95**

1-800-451-2100 8am-8pm EST

## PAYMENT OPTIONS

CHARGE CARD:	1
MASTERCARD, OR	AMEX, VISA, AT&T
	PRODUCT PLUS CARD
AT&T CREDIT	2
LEASE	CORPORATION
	ADD-ON
INVOICE	3
	BILL ME

## ACCESSORIES

### Replacement MERLIN Telephone Handset

Don't waste time. Get this replacement right away.

- Does not include handset cord

**#10200X.....\$24.30**



### Noisy Environment Handset

Makes listening easier and communication clearer.

- Filters out and reduces background noise
- Thumbwheel control boosts volume of incoming voice by up to 20 decibels

**Black**

**#31754A.....\$63**

### Amplified Handsets

- Thumbwheel control boosts volume of incoming voice by up to 20 decibels

**Black**

**#31753A.....\$65**

### Black Plastic Fixed Telephone Stands

An extra or replacement desk stand.

**For BIS-10**

**#10362X.....\$10**

**For BIS-22**

**#10363X.....\$12**

**For BIS-34 & BIS-34D**

**#10364X.....\$14**

### Metal Stands

For membrane-type MERLIN System sets only.

### For 10B, Fixed Metal Desk Stand

**#10369X.....\$17.50**

### For 10B, Adjustable Metal Desk Stand

**#10370X.....\$28**

### For 34B, Adjustable Metal Desk Stand

**#10371X.....\$36**

### Voice Terminal Desk Stand/Wall Mount

- Usable with MERLIN System 5-Button and 10-Button membrane telephone sets or HFAI-10

**#10368X.....\$13**

### Voice Terminal Wall Mounts for Sets with Metal Stands

Be space-efficient. Put your MERLIN System Telephone on the wall.

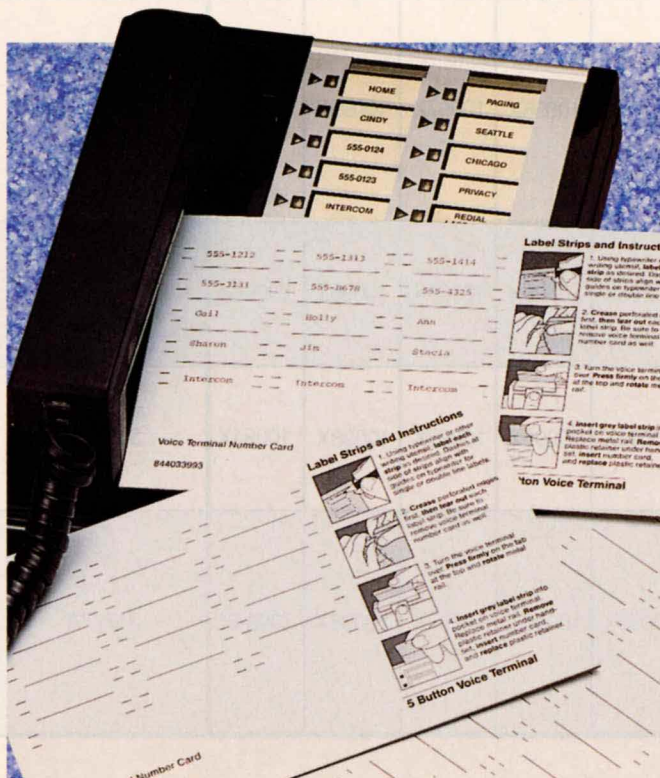
- If you have a membrane set with a metal stand, you need this mount

**10-Button**

**#10372X.....\$22**

**34-Button**

**#10373X.....\$25**





# MERLIN SYSTEM TELEPHONE ACCESSORIES



## Hands-Free Speakerphone Unit

Continue to use your hands while you're on the phone.

- For MERLIN BIS Sets in conference rooms and other group applications
- Automatically readjusts volume and sound quality to the room
- Produces a cleaner, crisper sound
- Allows speaking at voice-normal levels
- Automatically recalibrates level if repositioned

- Eliminates "clipped" syllables and lost words
- Compatible with MERLIN 10-Button, 34-Button and 34-Button Deluxe Telephones
- Not for use with MERLIN 5-Button, or HFAL-10
- MERLIN 206 or 410 requires Feature Package 1 (#6100-FC1A) or 2 (#6104-FC2A)\*
- MERLIN 820 requires Feature Package 2 (#6104-FC2A)\*

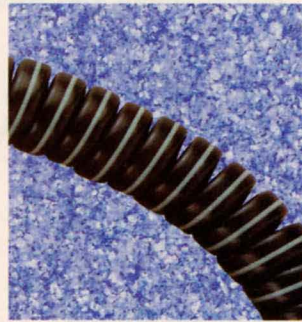
**Black**  
#31777A.....\$175

## Off-Premises Telephone Interface

Connect basic Touch-Tone Telephones at remote locations (warehouse, home, branch office) to your MERLIN System.

- Includes User's Guide
- MERLIN 206 or 410 require Feature Package 1 (#6100-FC1A) or 2 (#6104-FC2A)\*
- MERLIN 820 requires Feature Package 2 (#6104-FC2A)\*
- Telephone lines to off-premises locations must be ordered through your local telephone company

**#2302-OPUA.....\$455**



## Handset Cords Designer Cord

Black with Silver Stripe  
#10188X 12'.....\$5

**Black Handset Cords**  
#10238X 6' .....\$3  
#10609X 9' .....\$4  
#10089X 12' .....\$5  
#10132X 25' .....\$9

## Soft Shoulder Rest

Just what you need to free your hands and rest your neck.

#10126X (Black)...\$9.95

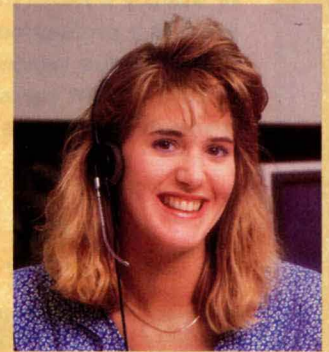
## Power Failure Rotary Telephone

For convenience and safety during a power-outage, this phone will plug into the:

- Extra Alert/Power Failure Cartridge (MERLIN System 206,410,820, #6103-EAPA)\*
- Service Module (MERLIN System 1030/3070, #61320A page 25)
- Power Failure Jack on the Control Unit

**Black**  
#3100-ORD-09A.....\$45  
**Ivory**  
#3100-ORD-12A.....\$45

\* See page 12 for ordering information.



Expand Your Options with MERLIN Accessories

**MERLIN Accessories** are designed to enhance your telecommunications equipment. Like other AT&T accessories, they are easy to use and simple to install. We've designed them with your needs in mind to offer efficiency, comfort and versatility.

You'll find that our product philosophy extends to our other equipment as well—from the exciting MERLIN Cordless Telephone (Back Cover) to our FAX Machines (pages 94-99) and more.

If you have any questions regarding accessories for your MERLIN Systems, just call us on 1 800 451-2100. We'll be happy to assist you in your selection.

CALL TOLL-FREE  
**1-800-451-2100**  
MONDAY-FRIDAY 8AM-8PM EST





# MERLIN REPLACEMENT PART KITS

Whether it's a desire to be neat and organized, or simply a need to present a professional image to the world of business that passes through your place of

work, there's nothing like genuine AT&T Replacement Part Kits for keeping your MERLIN Telephones looking as new as the day they were installed.

## FOR MERLIN BIS TELEPHONES



### 10-Button Built-In Speakerphone Telephone (BIS-10)

(Identify this set by finding "BIS-10" in the upper right corner of the faceplate)

#### Basic Kit

- Silver Graphics Layer (5 per package)
  - 12' black handset cord
  - Clear faceplate (3 per package)
- #10406X.....\$25

#### Deluxe Kit

- Basic Kit PLUS Replacement Handset
- #10407X.....\$49.30

### 22-Button Built-In Speakerphone Telephone (BIS-22)

(Identify this set by finding "BIS-22" in the upper right corner of the faceplate)

#### Basic Kit

- Silver Graphics Layer (5 per package)
  - 12' black handset cord
  - Clear Faceplate (3 per package)
- #10408X.....\$29

#### Deluxe Kit

- Basic Kit PLUS Replacement Handset
- #10409X.....\$53.30

### 22-Button Built-In Speakerphone Telephone with Display (BIS-22D)

(Identify this set by finding "BIS-22D" in the upper right corner of the faceplate)

#### Basic Kit

- Silver Graphics Layer (5 per package)
  - 12' black handset cord
  - Clear Faceplate (3 per package)
- #10619X.....\$33

#### Deluxe Kit

- Basic Kit PLUS Replacement Handset
- #10620X.....\$57.30

### 34-Button Built-In Speakerphone Telephone & 34-BIS Telephone with Display (BIS-34, BIS-34D)

(Identify these sets by finding "BIS-34" or "BIS-34D" in the upper right corner of the faceplate)

#### Basic Kit

- Silver Graphics Layer (5 per package)
  - 12' Black handset cord
  - Clear Faceplate (3 per package)
- #10410X.....\$33

#### Deluxe Kit

- Basic Kit PLUS Replacement Handset
- #10411X.....\$57.30

**NOTE:** Designation labels and cards, silver graphics layers, and clear faceplates may be ordered from page 44 or directly from the chart on pages 42-43.

## FOR MERLIN ATTENDANT CONSOLES

### MERLIN II System, Release 2

- System Administration Graphics Overlay
  - Call Handling Graphics Overlay
  - Clear Faceplate
- #10390X.....\$24.80

### MERLIN II System, Release 1

- System Administration Graphics Overlay
  - Clear Faceplate
- #10391X.....\$21

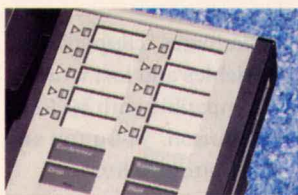
### MERLIN System 1030/3070 Feature Module 4 or 5

- Graphic Overlay for Feature Module 4 or 5
  - Clear Faceplate
- #10392X.....\$23

### Attendant Console Strips

- 3 per package
- #10175X.....\$10

## FOR MERLIN TELEPHONES



### 5, 10, and 34-Button Deluxe (Membrane-Type) Sets

(Identify these sets by finding touch-sensitive "microwave type" buttons for lines and programmable features)

#### Basic Kit

- Designation Strips (5 sheets per package)
  - 12' black handset cord
- #10400X.....\$15

#### Deluxe Kit

- Basic Kit PLUS Replacement Handset
- #10401X.....\$39.30



### 34-Button BIS Telephone and 34-Button BIS Telephone with Display (SP-34, SP-34D)

(Identify these sets by finding "SP-34" or "SP-34D" in the upper right corner of the faceplate)

#### Basic Kit

- Silver Graphics Layer (5 per package)
  - 12' black handset cord
  - Clear Faceplate (3 per package)
- #10402X.....\$33

#### Deluxe Kit

- Basic Kit PLUS Replacement Handset
- #10403X.....\$57.30



### 10-Button Hands-Free Answer on Intercom Telephone (HFAI-10)

(Identify this set by finding "HFAI-10" in the upper right corner of the faceplate)

#### Basic Kit

- Silver Graphics Layer (5 per package)
  - 12' black handset cord
  - Clear Faceplate (3 per package)
- #10404X.....\$25

#### Deluxe Kit

- Basic Kit PLUS Replacement Handset
- #10405X.....\$49.30



# BUILT-IN SPEAKERPHONE TELEPHONES

S  
25



## 34-Button Built-In Speakerphone Telephone (BIS-34)

The economical speakerphone with 34-button convenience.

- 34 buttons with LED indicators for line appearances, intercom and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Hold, Transfer, Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

#3167-34BA (Black) .....\$460



## 22-Button Built-In Speakerphone Telephone (BIS-22)

For quick access to a broad range of features.

- 22 buttons with LED indicators for line appearances, intercom, and programmable features
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Transfer, Hold, Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

#3166-22BA (Black) .....\$395



## 10-Button Built-In Speakerphone Telephone (BIS-10)

Efficiency and economy are the benefits of this office set. Plus:

- 10 buttons with LED indicators for line appearances, intercom, and programmable feature
- 3 fixed-feature buttons with LED indicators: Message, Speakerphone, Hands-Free Answer on Intercom, Microphone
- Fixed-feature buttons for Conference, Drop, Transfer, Hold and Recall
- Hearing aid compatible
- Uses all Group A Headsets with Adapter 1, or any Group B Headsets\*

#3165-10BA (Black) .....\$355

## COMMON FEATURES (continued)

- **Handsets:** Hearing aid compatible
- **Conference Room Speakerphone:** Compatible with external speakerphone unit for larger areas
- **Port:** Includes a built-in "port" for optional accessories, like a headset adapter
- **Programmable Feature Buttons:** Access the programmable features of your system. These features may include One-Touch Dialing, Privacy, Do-Not-Disturb, Last Number Redial, and more
- **Recall:** Automatically restores dial tone without hanging up; also provides a switch-hook flash

**NOTE:** You may dedicate buttons to outside telephone lines and not program them. The programmable features you can add depends on the configuration and type of your system.

*\*See pages 52 and 53 for Headsets and pages 42-46 for MERLIN Telephone accessories.*

CALL TOLL-FREE

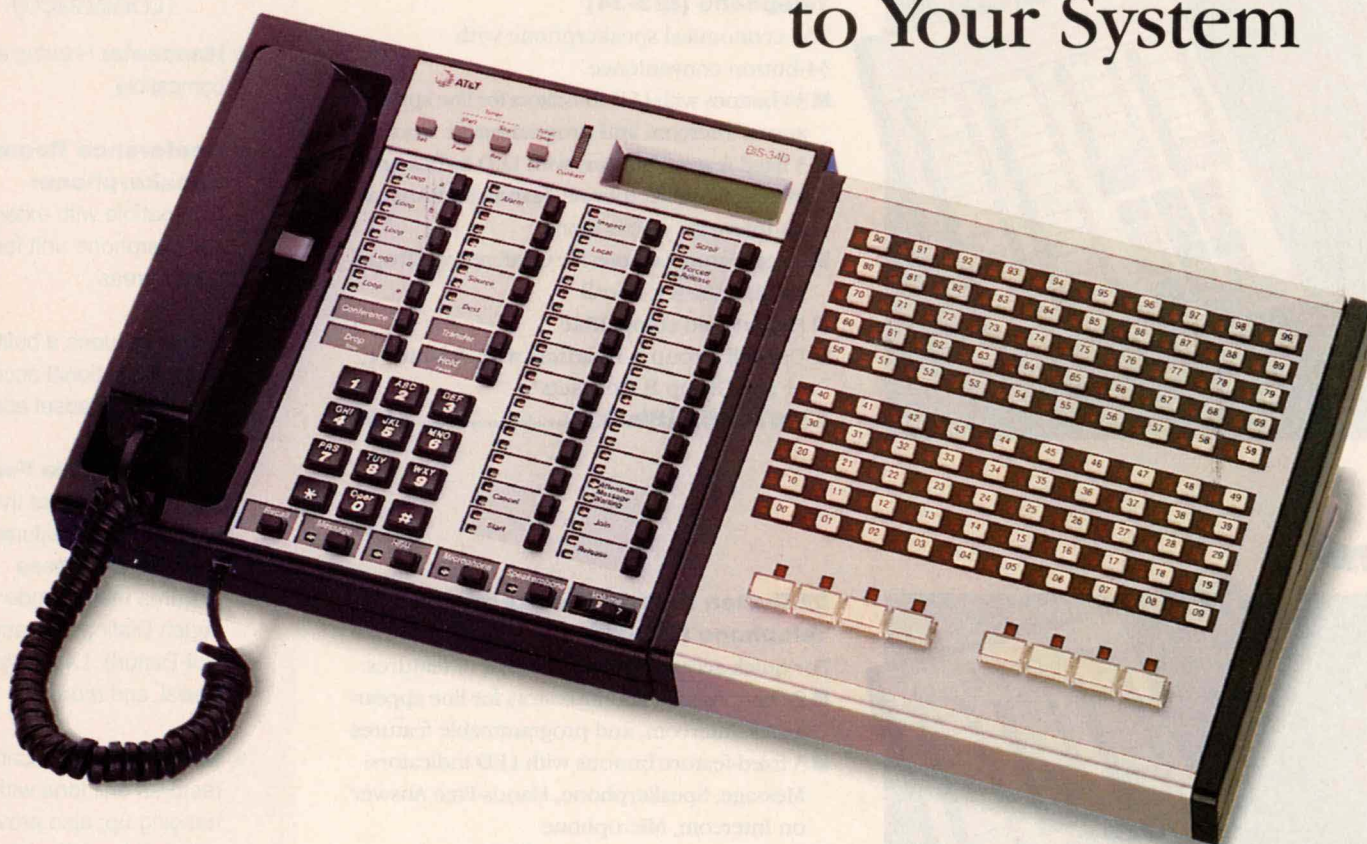
**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





## AT&amp;T SYSTEM 25

An Attendant Lends a Helping Hand  
to Your System**System 25 Attendant Console**

This 34-Button BIS with Display gives you full PBX attendant capabilities, including:

- 16-Character display for number dialed, account codes, time, day, and more
- Prioritized Hold
- Message Alert
- Conference Calls
- One-Touch Dialing
- Hands-Free Answer on Intercom
- Volume Control for Speakerphone, Intercom, Ringer, Incoming Voice
- Complete with 9' coiled handset cord, 7' mounting cord, desk stand and User's Guide
- Uses Group A Headsets with Adapter 1, or Group B Headsets (pages 52-53)

■ For accessories, please see pages 42-46

■ *AT&T installation is recommended*

**Black**

**#3167-DSBA.....\$520**

**System 25 Direct Extension Selection (DXS) Console**

The Selector Console has an array of 100 Direct Extension Selection buttons, plus 7 Group Select buttons and a Test button.

- Requires 34-Button BIS with Display (#3167-DSBA) this page
  - 1-Button connection to 100 extensions
  - "Busy" indicator lights for every extension
  - Includes Installation and User's Guides
- #62509A.....\$1,560**

**Model 7102+ Analog Voice Terminal**

A Message Waiting Light and Recall Button are included in this convenient, economical terminal. It can also be used as a power failure station.

- Desk or wall mountable (includes hardware)
- Complete with directory form on faceplate for quick feature reference

■ Works with DIMENSION® System, System 25 and System 75/85

- For accessories, see page 65
- Uses Group A Headsets with Adapter 3 (pages 52-53)
- Compatible with S201A Speakerphone (#31865A) see page 65

**Black**

**#3188-MWS-09A.....\$85**

**Misty Cream**

**#3188-MWS-22A.....\$85**



## SINGLE LINE TELEPHONES

**Touch-Tone Desk Set with Timed Recall/Timed Disconnect**

- Access a second dial tone without disconnecting the first call (when provided by system or Central Office)
- Usable as a power failure set
- Hearing aid compatible "K" handset
- Not compatible with Special Need Handsets\*: Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets
- For accessories, see pages 74-75

**Black**

#3101-ETR-09A .....\$55

**Misty Cream**

#3101-ETR-22A .....\$55

**Standard Touch-Tone Desk Set**

- Usable as a power failure set
- Hearing aid compatible "K" handset
- Not compatible with Special Need Handsets\*: Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets
- For accessories, see pages 74-75

**Black**

#3101-EBD-09A .....\$50

**Misty Cream**

#3101-EBD-22A .....\$50

**Touch-Tone Desk Set**

- Can be used as a toll-restricted station
- Special Need Handsets available (pages 74-75)
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets
- For accessories, see pages 74-75

#3100-TTR-09A (Black) .....\$70

#3100-TTR-12A (Ivory) .....\$70

**Touch-Tone Wall Set**

- May be used as a power failure set *only* in loop-start environment
- Hearing aid compatible
- Not compatible with Special Need Handsets\*: Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets
- For accessories, see pages 74-75

**Black**

#3101-EBW-09A .....\$60

**Misty Cream**

#3101-EBW-22A .....\$60

**Touch-Tone Desk Set with Message Waiting Lamp**

Convenient and economical, featuring:

- Neon-compatible Message Waiting Lamp alerts you to messages
- Hearing aid compatible "K" handset
- May be used as a power failure set
- Not compatible with Special Need Handsets\*: Push-To-Talk, Push-To-Listen, Amplified Speech, Amplified Hearing or Confidencer
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets
- For accessories, see pages 74-75

**Black**

#3101-EMW-09A .....\$55

**Misty Cream**

#3101-EMW-22A .....\$55

**Single Line Analog Telephone**

- Attractive, traditional design at an economical price
- All single line functions
- Message Waiting Indicator
- Recall Button to access system features
- Includes Installation and User's Guides
- Cannot be used with a speakerphone
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets
- For accessories, see pages 74-75

#3178-NHL-09A (Black) .....\$70

**Rotary Desk Set**

#3100-ORD-09A (Black) .....\$45

#3100-ORD-12A (Ivory) .....\$45

## ACCESSORIES

**Soft Shoulder Rest**

What you need to free your hands and rest your neck.

- Comfortable and non-slip
- Attaches to many styles of telephones
- For standard handsets

#10126X (Black) .....\$9.95

#10127X (Misty Cream) .....\$9.95

**Mini Soft Shoulder Rest**

#10125X (Black) .....\$6.95

#10128X (Ivory) .....\$6.95

#10129X (Misty Cream) .....\$6.95

**NOTE:** Please see pages 52-53 for headsets.

\*For Sets with Special Need Handset compatibility, see pages 72-73.

CALL TOLL-FREE

1-800-451-2100

MONDAY-FRIDAY 8AM-8PM EST





## AT&amp;T SYSTEM 25 TELEPHONE HEADSETS

**GROUP A:  
ADAPTERS****Adapter 1**

- Connects the headset to the telephone
  - Allows you to answer or make calls without lifting the handset
  - For MERLIN System 25 Telephones (except 5-Button and HFAL-10)
  - Includes User's Guide
- #3164-HFAA .....\$184**

**Adapter 3**

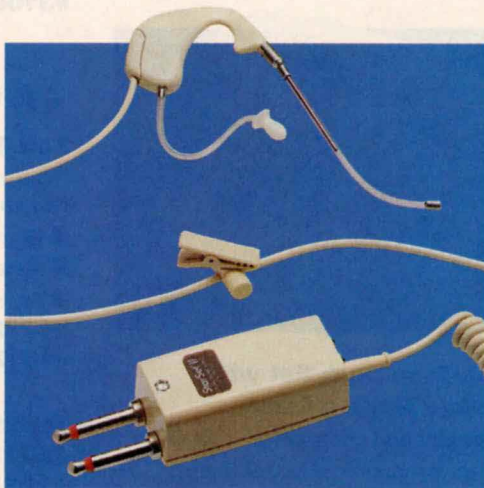
- Connects the headset to the telephone
  - Allows you to answer or make calls without lifting the handset
  - Same housing as the Adapter 1, but with different circuitry
  - For 7000 Series Telephones, (except 7407D, 7303S, 7305S and 7401D)
  - Includes User's Guide
- #31712A.....\$290**

**Adapter 5**

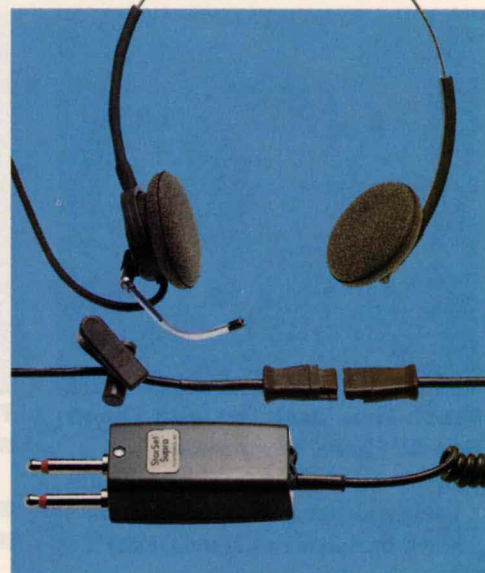
- Connects the headset to the telephone
  - Allows you to answer or make calls without lifting the handset
  - For Single Line Telephones
  - Includes User's Guide
- #3124-180A .....\$130**

**GROUP A: HEADSETS WITH ADAPTERS****Supra Standard Model**

- Over-the-Ear mono-aural model
  - Answer calls without lifting handset
  - Soft, cushioned pads rest over your ears
  - Includes clothing clip and User's Guide
  - Requires an adapter
- #3122-011A (Brown) .....\$120**

**StarSet II—Standard Model**

- In-the-Ear model
  - Lightweight
  - Hangs on either ear
  - Answer calls without lifting handset
  - Built-In Volume Control
  - Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
  - Requires an adapter
- #3122-001A (Ivory).....\$140**

**Supra Deluxe Model**

- Over-the-Ear mono-aural model
  - All the features of the Supra Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
  - Includes clothing clip and User's Guide
  - Requires an adapter
- #3122-012A (Brown).....\$130**

**StarSet II—Deluxe Model**

- In-the-Ear model
  - All the features of the StarSet II Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
  - Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
  - Requires an adapter
- #3122-002A (Ivory) .....\$160**



# AT&T SYSTEM 25 TELEPHONE HEADSETS

**S**  
25

## GROUP B: MODULAR HEADSETS



### StarSet II—StarMate-E

- In-the-Ear model    ■ Hangs on either ear
- Lightweight        ■ Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips and User's Guide
- Does not require an adapter

#3122-204A (Black) .....\$175



### Supra—StarMate-E

- Over-the-Ear model
- Includes a single earpad
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide
- Does not require an adapter

#3122-214A (Black).....\$175

## GROUP D: MODULAR HEADSETS



### Supra—StarMate Model

- Over-the-Ear model    ■ Dual earpads
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide
- Does not require an adapter

#3122-014A (Brown) .....\$145



### StarSet II—StarMate Model

- In-the-Ear model    ■ Hangs on either ear
- Lightweight        ■ Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips and User's Guide
- Does not require an adapter

#3122-004A (Ivory).....\$145

## How to Make a Headset Decision

Sales people, managers and others who use phones throughout the day, but also need to use their hands, may be surprised by the freedom a headset can offer.

Once you've decided to try a headset, you may choose either a headset with an adapter or a modular headset without an adapter.

A headset with an adapter allows you to answer or make a call without lifting the handset.

A modular headset plugs directly into your phone but requires you to lift the handset to answer a call and hang it up to disconnect.

Another convenient feature of some headsets is Quick Disconnect, which allows you to unsnap from your phone without having to remove your headset or disconnect the call.

Over-the-Ear models have soft cushioned pads that rest over your ears. The sound is heard through one earpad. In-the-Ear headsets are light units that hang on either ear.

### NEED MORE INFORMATION?

Please see pages 81-84 for more information on headsets. Page 85 details headset accessories and replacement parts.

CALL TOLL-FREE  
**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





## EXPANSION MODULES

**Pooled Modem Circuit Card  
(Card TN758)**

Provides 2 ports, each emulating a 212-A type modem, that connect any Analog data device to digital data communications equipment.

- One or more cards give you dial-up access to a modem pool
  - Requires Octopus Cable #2720-05P (page 55)
  - Only 2 cards per System 25 carrier
  - *AT&T installation recommended*
- #63119A .....\$1,985**

**Data Line Circuit Card  
(Card TN726)**

Allows you to add asynchronous data terminals or other data communications equipment.

- Provides 8 data-only interfaces between System 25 devices meeting EIA RS-232 standards
  - Each port contains a built-in Asynchronous Data Unit (ADU) for use with a second ADU
  - *AT&T installation recommended*
- #63130A .....\$2,395**

**Ground-Start Trunk Circuit Pack  
(Card ZTN-76)**

8 connections to your Central Office for incoming and outgoing communications.

- Requires ground-start Trunk connection from local telephone company
  - One #2720-06X (page 55) required for every three #62502A
  - *AT&T installation recommended*
- #62502A.....\$2,010**

**Loop-Start Trunk Circuit Pack  
(Card ZTN-77)**

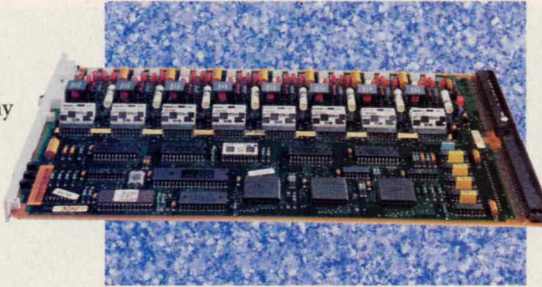
8 connections to your Central Office for incoming and outgoing communications.

- Requires system already wired into a loop-start Trunk or behind a PBX or Centrex
  - One #2720-06X (page 55) required for every three #62503A
  - *AT&T installation recommended*
- #62503A .....\$1,770**

**Auxiliary Trunk Circuit Card  
(Card TN763B)**

4 Trunk-type interfaces between System 25 and on-premises auxiliary equipment (i.e. Paging).

- *AT&T installation recommended*
- #63118A .....\$1,290**

**Tip/Ring Circuit Pack  
(Card ZTN-78)**

8 connections to Single Line (Industry standard) Telephones.

- Telephone #3178-NHL (page 51) required for Message Waiting feature
  - Requires Octopus Cable #2720-05P (page 55)
  - *AT&T installation recommended*
- #62504A .....\$1,710**

**Direct Inward Dial (DID) Trunk  
Circuit Card (Card TN753)**

Interfaces System 25 to 8 immediate-start or wink-start Central Office Trunks.

- Trunks supplied by local operating company
  - One #2720-06X (page 55) required for every three #63116A
  - *AT&T installation recommended*
- #63116A .....\$2,015**

**8-Port Analog Line Circuit Card  
(Card TN742)**

Interfaces System 25 to 8 Analog Telephones.

- Accesses Dial Dictation and Recorded Announcement
  - Supports off-premises use
  - Requires Octopus Cable #2720-05P (page 55)
  - *AT&T installation recommended*
- #63111A .....\$2,015**

**Tie/Release Link Trunk Circuit  
Card (Card TN760B)**

Provides 4 Trunk interfaces (E and M Type 1 and Type 5) for Tie or Release Link Trunk Service.

- Ties can be automatic, immediate service, wink-start or delay-start
  - Links 2 PBX Systems together
  - One #2720-05P (page 55) required for every two #63140A
  - *AT&T installation recommended*
- #63140A .....\$1,005**

**Hybrid Line Circuit Pack  
(Card ZTN-79)**

Add 8 MERLIN System Telephones to your System 25.

- Requires Octopus Cable #2720-05P (page 55)
  - *AT&T installation recommended*
- #62505A .....\$1,500**

SYSTEM  
ENHANCEMENTS**Advanced Administrative  
Software**

Designed for user-friendly System 25 administration, this software is a must for anyone who wants to administer their own system.

- Add, change or modify button features, location or phones, automatic route selections, trunk configurations
- System 25 translations can be copied onto a floppy disk for record keeping
- Includes User's Guide
- Be sure to specify the proper release of your System 25

MS-DOS Release 1:

**#1203-020A-01 .....\$575**

UNIX® Release 1:

**#1203-021A-01 .....\$575**

MS-DOS² Release 2:

**#1203-020A-02 .....\$575**

UNIX Release 2:

**#1203-021A-02 .....\$575**

MS-DOS Release 3:

**#1203-030A .....\$575**

UNIX Release 3:

**#1203-031A .....\$575**

**System 25 Customer Training  
Video**

Useful information you'll need to have on your system's features, operation, and options.

- Complete step-by-step instructions on system features and functions
  - Covers Attendant Console functions and operation
  - Details System Administration options and operations
  - Explains Call Accounting options, as well as formats available
  - Illustrates Voice Message System (VMS) operation and options
- #10607X.....\$19.95**



# Integrate Voice, Data, Text and Image Economically

When you invest in a telephone system, you're investing in the future of your business. And you expect dividends—in efficiency, economy, productivity and long range growth potential. With your AT&T System 75, your business will receive these returns and many more.

System 75 is the communications system designed to help you integrate all the information that flows through your business—helping you organize it, track it, and record it for advanced productivity. And, as your business grows, the modular design and open architecture of your System 75 is prepared to change, expand and grow with you.

Whatever your business needs—from 40 lines (the minimum with System 75) to as many as 800 lines—System 75 gives you a wide range of choices.

## On-Line Changes Plus Cost-Control

System 75 delivers a host of cost-control benefits. Pay only for the specific functions you need now by selecting the most economical desktop telephone equipment and computers based on the job requirements at each workstation.

You can design your system to offer the cost-control you need.

- Route toll-calls, as programmed, through the most economical line available
- Systems Access Terminal allows authorized employees to administer your system
- Monitor and analyze even the most complex calling patterns so you can reconfigure your existing facilities and ensure cost-efficient usage

## True Networking Comes to Your Business

Clearly, System 75 is an outstanding voice communications system, but its performance potential extends to your computing, data and image processing resources as well. With multi-tasking terminals that communicate simultaneously with your telephones and host computer, System 75 links data, voice, graphics, text and other business communications together into one network that's as easy to use as your phone.

Quick Reference Chart Of  
System 75 Telephones

ORDER NUMBER	DESCRIPTION	PRICE
<b>63105A</b>	System 75 Attendant Console with Display	<b>\$1930</b>
<b>63106A</b>	System 75 Selector Console	<b>\$1015</b>
<b>3186-15D-09A</b>	7410D Digital Voice Terminal-Black	<b>\$230</b>
<b>3186-15D-22A</b>	7410D Digital Voice Terminal-Misty Cream	<b>\$230</b>
<b>3187-39D-09A</b>	7434D Digital Voice Terminal-Black	<b>\$550</b>
<b>3187-39D-22A</b>	7434D Digital Voice Terminal-Misty Cream	<b>\$550</b>
<b>3180-IDT-09A</b>	7407D Digital Voice Terminal-Black	<b>\$800</b>
<b>3180-IDT-22A</b>	7407D Digital Voice Terminal-Misty Cream	<b>\$800</b>
<b>3183-LDM-09A</b>	7406D Digital Voice Terminal-Black	<b>\$345</b>
<b>3183-LDM-22A</b>	7406D Digital Voice Terminal-Misty Cream	<b>\$345</b>
<b>3182-LDM-09A</b>	7406D with Display-Black	<b>\$460</b>
<b>3182-LDM-22A</b>	7406D with Display-Misty Cream	<b>\$460</b>
<b>3188-MWS-09A</b>	7102+ Analog Voice Terminal-Black	<b>\$85</b>
<b>3188-MWS-22A</b>	7102+ Analog Voice Terminal-Misty Cream	<b>\$85</b>
<b>3184-CDT-09A</b>	7401D Compact Digital VT-Black	<b>\$115</b>
<b>3184-CDT-22A</b>	7401D Compact Digital VT-Misty Cream	<b>\$115</b>
<b>3178-NHL-09A</b>	Single Line Analog Voice Terminal-Black	<b>\$70</b>

## Integrated Messaging

Improve the flow of information in your company and raise personnel productivity. Integrated Messaging helps eliminate message-taking by secretaries and the possibility that message slips may be lost.

### ■ Leave Word Calling:

a standard capability of System 75, allows you to leave electronic "please call" messages with your name, extension, and the time at the touch of a button

### ■ Speech Synthesis:

an optional capability of System 75, converts Leave Word Calling's electronic messages to the spoken word so they can be retrieved from any Touch-Tone Voice Instrument

### ■ Audio Information Exchange (AUDIX):

available through an optional adjunct processor, this voice mail system lets you send, receive and distribute audible messages and memoranda throughout your company

### ■ Message Retrieval Options:

retrieve your messages on a Voice Terminal equipped with a digital display, on the screen of a data terminal or personal computer, or via most Touch-Tone Telephones

### NOTE:

See page 65 for 7000 Telephone accessories and replacement parts.





### System 75 Attendant Console with Display

Efficiency during peak calling periods is the specialty of this console. Includes these additional features:

- Headset or handset mounts on either side of unit
- Easily connects to a port on a digital circuit pack
- System 75 can handle 6 Attendant Consoles, plus one for night service
- Uses Group A Headsets with Adapter 3 (page 62)

**#63105A .....\$1,930**

### System 75 Selector Console

Provides quick visual notice—busy/idle lamps—of all lines so operator can report back to the caller. Plus:

- 8 group-select buttons
- 100 direct-to-extension buttons
- Can "park" a call, page, and give pick-up extension number
- Selector Console plugs directly into Attendant Console #63105A only

**#63106A .....\$1,015**

*\*34 appearances are available only when used with DEFINITY™ Communications Systems. On all earlier System 75/85 switch releases, the set is limited to 10 call appearances.*



### Model 7410D Digital Voice Terminal

Access multiple lines for conferencing, bridging or call coverage.

- Standard features include: Conference, Transfer, Drop, Select Ring, Hold, Call Waiting Light
- Transmits voice and data with any AT&T-compatible PC (must use AT&T PC/PBX Connection Card)
- Desk or wall mountable
- Includes jack for speakerphone or headset adapter, User's Guide
- Compatible with model S201A Speakerphone (#31865A, page 65)
- Uses all Group A Headsets with Adapter 3 (page 62)
- See page 65 for accessories

#### Black

**#3186-15D-09A .....\$230**

#### Misty Cream

**#3186-15D-22A .....\$230**



### Model 7434 Digital Voice Terminal

One of the more versatile terminals, with up to 34 buttons for call appearances\* or optional features. Plus:

- Fixed feature buttons: Hold, Transfer, Drop/Conference, Select Ring
- Privacy, Speed Dialing, Call Forwarding
- Includes jack for speakerphone or headset adapter, User's Guide and Designation Strips
- Compatible with model S201A Speakerphone (#31865A, page 65)
- Uses all Group A Headsets with Adapter 3 (page 62)
- See page 65 for accessories

#### Black

**#3187-39D-09A .....\$550**

#### Misty Cream

**#3187-39D-22A .....\$550**



## VOICE TERMINALS



### Model 7406D Digital Voice Terminal with Display

All the features of Voice Terminal 7406D but with a 48-character LCD—which means you'll get a complete message every time.

- Can be used with Model S201A Speakerphone (#31865A) and Wall Mount (#31820A), page 65

- Uses all Group A Headsets with Adapter 3 (pages 62–63)
- Includes User's Guide
- See page 65 for accessories

#### Black

#3182-LDM-09A.....\$460

#### Misty Cream

#3182-LDM-22A.....\$460



### Model 7406D Digital Voice Terminal

- Versatile, multi-line capable terminal
- 17 buttons for programmable features
- Built-in one-way speaker for Hands-Free dialing and group listening
- Can be used with Model S201A Speakerphone (#31865A) and Wall Mount (#31820A), page 65
- Includes User's Guide
- Uses all Group A Headsets with Adapter 3(pages 62–63)
- See page 65 for accessories

#### Black

#3183-LDM-09A.....\$345

#### Misty Cream

#3183-LDM-22A.....\$345



### Model 7407D Digital Voice Terminal

Access virtually every feature your System 75/85 or DEFINITY™ Communication System offers. Plus, enjoy these features:

- Built-In Speakerphone
- Calculator
- 2-line message display
- 8 buttons for Transfer, Conference, Drop, Hold, Speakerphone On/Off, Display, Calculator

- 31 buttons for Speed Dialing and other features
- 10 buttons for other programs
- Includes User's Guide
- Uses Group B Headsets (page 63)
- See page 65 for accessories

#### Black

#3180-IDT-09A.....\$800

#### Misty Cream

#3180-IDT-22A.....\$800

## ACCESSORIES

### Black Handset Cords

#10238X (6 Foot).....\$3  
#10609X (9 Foot).....\$4  
#10089X (12 Foot).....\$5  
#10132X (25 Foot).....\$9

### Misty Cream Handset Cords

#10239X (6 Foot).....\$3  
#10608X (9 Foot).....\$4  
#2725-01LM (12 Foot).....\$5  
#10241X (25 Foot).....\$9

### Designer Handset Cords

#### Black with Silver Stripe

#10188X (12 Foot).....\$5

#### Misty Cream with Taupe Stripe

#10189X (12 Foot).....\$5

CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





## AT&amp;T SYSTEM 75

## SINGLE LINE TELEPHONES

**Model 7102+ Analog Voice Terminal**

Now you can get Message Waiting and Recall in a very economical package. Plus these additional features:

- Directory form on faceplate serves as feature access guide
- May be used as power failure station
- Can be wall-mounted (hardware included) or used on desk
- Works with DIMENSION™ System, System 25 and System 75/85
- Uses Group A Headsets with Adapter 3 (pages 62-63)
- Compatible with Model S201A Speakerphone (#31865A)
- See page 65 for accessories

**#3188-MWS-09A (Black).....\$85**

**#3188-MWS-22A (Misty Cream).....\$85**

**Single Line Telephone with Message Waiting Light and Recall Button**

- Attractive, traditional design at an economical price
- All single line functions
- Message Waiting Indicator
- Recall Button to access system features
- Includes Installation and User's Guides
- Cannot be used with a speakerphone
- Uses all Group A Headsets with Adapter 5 or any Group B Headsets (pages 62-63)
- See pages 74-75 for accessories

**#3178-NHL-09A (Black).....\$70**

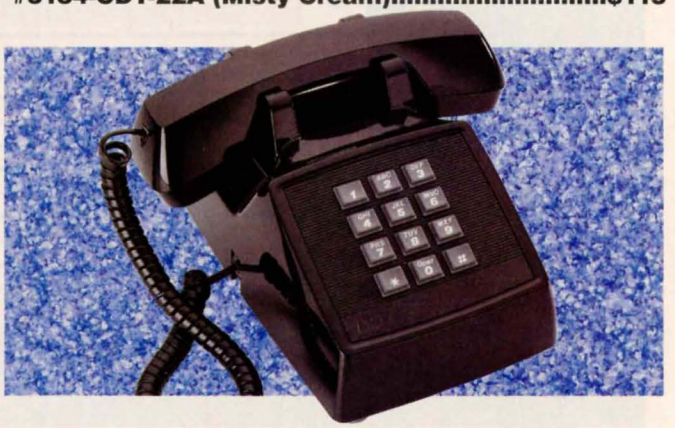
**Model 7401D Compact Digital Voice Terminal**

Economy in a Digital Phone with PC Accessibility.

- 7 assignable buttons
- Special access button to DEFINITY™ System, System 75/85
- Message Waiting Light, Ringer Control, Conference, Transfer, Drop, Hold
- Can be used with AT&T PC, WGS, or compatible for both 64K and 19.2Kb Asynchronous Data Communications (when used with optional PC/PBX Connection Card)
- Uses Group B Headsets (page 84)
- See page 65 for accessories

**#3184-CDT-09A (Black).....\$115**

**#3184-CDT-22A (Misty Cream).....\$115**

**Basic Single Line Touch-Tone Telephone**

- Usable as a power failure set
- Hearing aid compatible "K" handset
- Not compatible with Special Need Handsets: Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer (for compatible sets, see page 61)
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets (pages 62-63)
- See pages 74-75 for accessories

**#3101-EBD-09A (Black).....\$50**

**#3101-EBD-22A (Misty Cream).....\$50**



## SINGLE LINE TELEPHONES



### Touch-Tone Desk Set with Message Waiting Lamp

Economical and convenient, featuring neon-compatible Message Waiting Lamp, and hearing aid compatible "K" handset.

- Can be used as a power failure set
- Not compatible with Special Need Handsets: Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing, Confidencer (for Special Need Handset compatibility, see #3100-SRW below)
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets (pages 62-63)
- See pages 74-75 for accessories

#### Black

#3101-EMW-09A.....\$55

#### Misty Cream

#3101-EMW-22A.....\$55

### Touch-Tone Desk Set with Message Waiting Lamp for Special Needs

All the features of the set described above, plus:

- Compatible with Single Line Special Need Handsets (pages 74-75)
- *Refurbished only, One-year Limited Warranty*
- See pages 74-75 for accessories

#3100-SRW-11A (Beige).....\$55

#3100-SRW-12A (Ivory).....\$55

### Touch-Tone Desk Set

- Can be used as a toll-restricted station
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets (pages 62-63)
- See pages 74-75 for accessories

#3100-TTR-09A (Black).....\$70

#3100-TTR-12A (Ivory).....\$70



### Touch-Tone Wall Set

- May be used as a power failure set *only* in loop-start environment
- Hearing aid compatible
- Not compatible with Special Need Handsets: Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer (for Special Need Handset compatibility, see #3100-SRW below)
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets (pages 62-63)
- See pages 74-75 for accessories

#### Black

#3101-EBW-09A.....\$60

#### Misty Cream

#3101-EBW-22A.....\$60

### Touch-Tone Wall Set for Special Needs

- Hearing aid compatible
- May be used with Single Line Special Need Handsets (page 75)
- May be used whether or not toll-restricted station is required
- *Refurbished only, One-year Limited Warranty*
- See pages 74-75 for accessories

#3100-SRW-09 (Black).....\$60

#3100-SRW-12A (Ivory).....\$60

### Rotary Desk Set

- Uses all Group A Headsets with Adapter 5 or any Group D Headsets (pages 62-63)
- See pages 74-75 for accessories

#3100-ORD-09A (Black).....\$45

#3100-ORD-12A (Ivory).....\$45



### Touch-Tone Desk Set with Timed Recall/Timed Disconnect

- Access a second dial tone without disconnecting the first call (when provided by system or Central Office)
- Usable as a power failure set
- Hearing aid compatible "K" handset
- Not compatible with Special Need Handsets: Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer (for Special Need Handset compatibility, see #3100-SRR below)
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets (pages 62-63)
- See pages 74-75 for accessories

#### Black

#3101-ETR-09A.....\$55

#### Misty Cream

#3101-ETR-22A.....\$55

### Touch-Tone Desk Set with Timed Recall for Special Needs

All the features of the set described above, plus:

- Hearing aid compatible
- Compatible with Single Line Special Need Handsets
- *Refurbished only, One-year Limited Warranty*

■ See pages 74-75 for accessories

#3100-SRR-09A (Black).....\$55

#3100-SRR-12A (Ivory).....\$55

CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# AT&T SYSTEM 75 TELEPHONE HEADSETS

Headsets provide a new level of comfort and the ability to have your hands free to work while you're on the phone.

## GROUP A: ADAPTERS

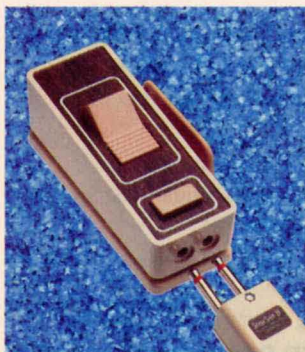


### Adapter 2

- Connects the headset to the telephone
  - Allows you to answer or make calls without lifting the handset
  - For 7303S and 7305S Telephones
  - Includes User's Guide
- #31731A .....\$160**

### Adapter 3

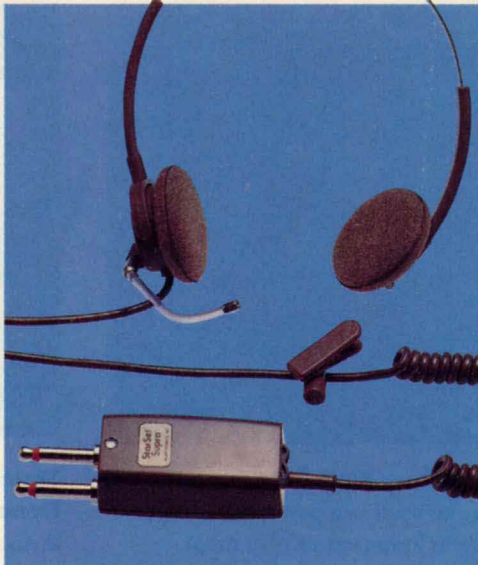
- Same housing and features as Adapter 2, but with different circuitry
  - For 7000 Series Phones (except 7303S, 7305S, 7407D and 7401D)
  - Includes User's Guide
- #31712A .....\$290**



### Adapter 5

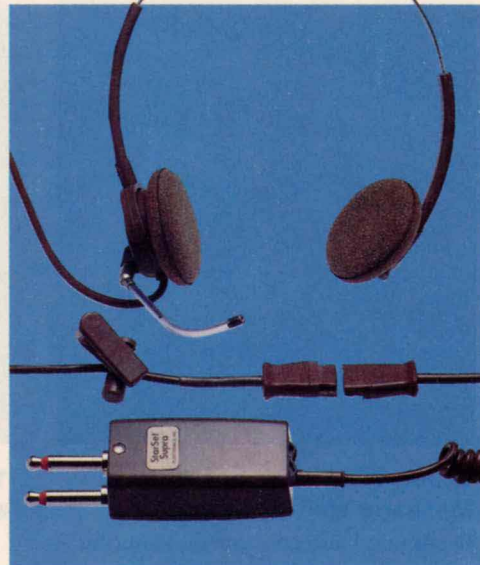
- Connects the headset to the telephone
  - Allows you to answer or make calls without lifting the handset
  - For Single Line Telephones
  - Includes User's Guide
- #3124-180A.....\$130**

## GROUP A: HEADSETS WITH ADAPTERS



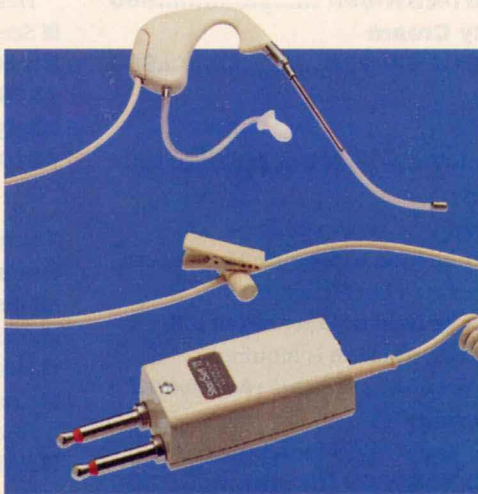
### Supra³ Standard Model

- Over-the-Ear mono-aural model
  - Answer calls without lifting handset
  - Soft, cushioned pads rest over your ears
  - Includes clothing clip and User's Guide
  - Requires an adapter
- #3122-011A (Brown) .....\$120**



### Supra Deluxe Model

- Over-the-Ear mono-aural model
  - All the features of the Supra³ Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
  - Includes clothing clip and User's Guide
  - Requires an adapter
- #3122-012A (Brown).....\$130**



### StarSet II—Standard Model

- In-the-Ear model
  - Lightweight
  - Hangs on either ear
  - Answer calls without lifting handset
  - Built-In Volume Control
  - Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
  - Requires an adapter
- #3122-001A (Ivory) .....\$140**



### StarSet II—Deluxe Model

- In-the-Ear model
  - All the features of the StarSet II Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
  - Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
  - Requires an adapter
- #3122-002A (Ivory) .....\$160**



**GROUP B: MODULAR HEADSETS****StarSet II—StarMate-E³**

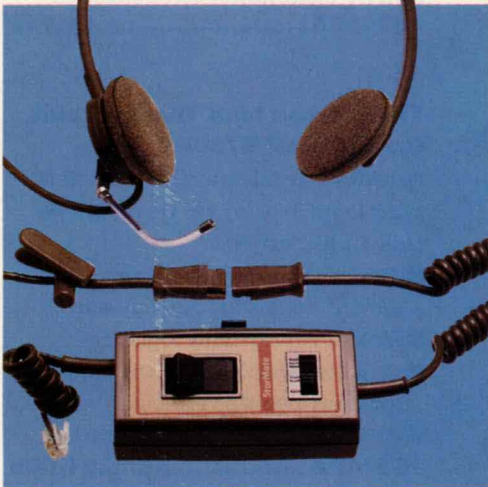
- In-the-Ear model
- Hangs on either ear
- Lightweight
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips and User's Guide
- Does not require an adapter

#3122-204A (Black) .....\$175

**Supra—StarMate-E**

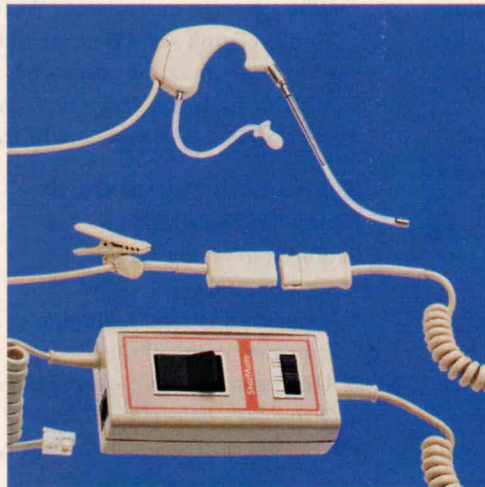
- Over-the-Ear model
- Includes a single earpad
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide
- Does not require an adapter

#3122-214A (Black) .....\$175

**GROUP D: MODULAR HEADSETS****Supra—StarMate Model**

- Dual earpads
- Over-the-Ear mono-aural model
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide
- Does not require an adapter

#3122-014A (Brown) .....\$145

**StarSet II—StarMate Model**

- In-the-Ear model
- Hangs on either ear
- Lightweight
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips and User's Guide
- Does not require an adapter

#3122-004A (Ivory) .....\$145

## How to Make a Headset Decision

Sales people, managers and others who use phones throughout the day, but also need to use their hands, may be surprised by the freedom a headset can offer.

Once you've decided to try a headset, you may choose either a headset with an adapter or a modular headset without an adapter.

A headset with an adapter allows you to answer or make a call without lifting the handset.

A modular headset plugs directly into your phone but requires you to lift the handset to answer a call and hang it up to disconnect.

Another convenient feature of some headsets is Quick Disconnect, which allows you to unsnap from your phone without having to remove your headset or disconnect the call.

Over-the-Ear models have soft cushioned pads that rest over your ears. The sound is heard through one earpad. In-the-Ear headsets are light units that hang on either ear.

**NEED MORE INFORMATION?**

Please see page 81-84 for more information on headsets. Page 85 details headset accessories and replacement parts.

CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





## EXPANSION MODULES

**Direct Inward Dial (DID) Trunk Circuit Card (Card TN753)**

Interfaces System 75 to 8 immediate-start or wink-start Central Office Trunks.

- Trunks supplied by local operating company
  - One #2720-06X (page 55) required for every three #63116A
  - *AT&T installation recommended*
- #63116A .....\$2,015**

**8-Port Analog Line Circuit Card (Card TN742)**

Interfaces 8 Analog Telephones.

- Usable for Dial Dictation and Recorded Announcement Access
  - Supports off-premises use and bridging
  - *AT&T installation recommended*
- #63111A .....\$2,015**

**16-Port Analog Circuit Card (Card TN746)**

Interfaces 16 Analog Telephones.

- Requires System 75 Version 2 or 3 Software
  - For same building use only
  - Cannot be used for bridging
  - *AT&T installation recommended*
- #63110A .....\$4,025**

**Central Office (CO) Trunk Circuit Card (Card TN747B)**

Interfaces with 8 Trunks.

- For loop-start or ground-start Central Office, foreign exchange or WATS Trunks (Trunk service supplied by your local operating company)
  - *AT&T installation recommended*
- #63115A .....\$2,015**

**Hybrid Line Circuit Card (Card TN762B)**

Required to add or use Hybrid Voice Terminals.

- Supports 8 Hybrid Multi-line Appearance Telephones
  - *AT&T installation recommended*
  - *Order only before July 12, 1990*
- #63113A .....\$1,710**

**Digital Line Circuit Card (Card TN754)**

Interfaces with up to 8 devices, i.e., additional multi-line appearance 7400 Series Digital Voice Terminals and Attendant Consoles, 515 BCT or Processor Data Modules, Trunk Data Modules or 3270 Data Modules.

- Interacts over Digital Communications Protocol links
  - Recommended for System 75 with Version 1 or 2 Software
  - *AT&T installation recommended*
- #63114A .....\$1,710**

**Digital Line Circuit Card (Card TN784)**

Interfaces with up to 8 devices, i.e., additional multi-line appearance 7400 Series Digital Voice Terminals and Attendant Consoles, 515 BCT or Processor Data Modules, Trunk Data Modules or 3270 Data Modules.

- Interacts over Digital Communications Protocol links
  - Provides out-of-building capability
  - Can be used only in System 75 with Version 3 Software and any DEFINITY™ Generic 1 or 2
  - *AT&T installation recommended*
- #63135A .....\$1,710**

**Tie/Release Link Trunk Circuit Card (Card TN760B)**

Provides 4 Trunk interfaces (E and M Type 1 and Type 5) for Tie or Release Link Trunk Service.

- Ties can be automatic, immediate service, wink-start or delay-start
  - Links 2 PBX systems together
  - One #2720-05X (page 55) required for every two #63140A
  - *AT&T installation recommended*
- #63140A .....\$1,005**

**Auxiliary Trunk Circuit Card (Card TN763B)**

4 Trunk-type interfaces between System 75 and on-premises auxiliary equipment (i.e. Paging).

- *AT&T installation recommended*
- #63118A .....\$1,290**

1-800-451-2100 8am-8pm EST

**PAYMENT OPTIONS**

CHARGE CARD: 1 AMEX, VISA, AT&T  
MASTERCARD, OR PRODUCT PLUS CARD

AT&T CREDIT 2 CORPORATION  
LEASE ADD-ON

INVOICE 3 BILL ME



## SPEAKERPHONE MODULES



### Hands-Free Speakerphone Module for MERLIN Telephones (Model S202A)

Speakerphone with micro-processor automatically readjusts volume and sound quality to the room it's used in.

- Produces a cleaner, crisper sound
- Allows speaking at voice-normal levels
- Automatically recalibrates level if repositioned
- Eliminates "clipped" syllables and lost words
- Compatible with MERLIN Telephones

**Black**  
#31777A.....\$175



### Hands-Free Speakerphone Module (Model S201A)

- Same features as #31777A (above)
- Operates with most 7000 Series Terminals

**Misty Cream**  
#31865A.....\$175

## TELEPHONE ACCESSORIES

### Message Waiting Indicator Light

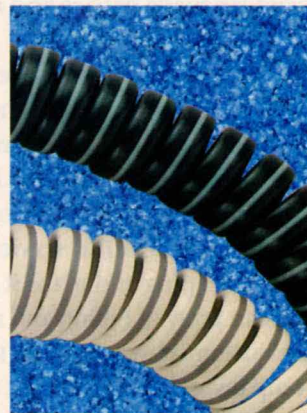
The red LED lights up to let you know you have a message waiting with your receptionist or operator.

- Attaches easily to all System 75/85 Telephones
- #31032.....\$30

### Mini Soft Shoulder Rest

- For Voice Terminals such as MERLIN Telephones

**Black**  
#10125X.....\$6.95  
**Ivory**  
#10128X.....\$6.95  
**Misty Cream**  
#10129X.....\$6.95



**Designer Cords**  
**Black with Silver Stripe**  
#10188X (12 Foot).....\$5

**Misty Cream with Taupe Stripe**  
#10189X (12 Foot).....\$5

**Black Handset Cords**  
#10238X (6 Foot).....\$3  
#10609X (9 Foot).....\$4  
#10089X (12 Foot).....\$5  
#10132X (25 Foot).....\$9

**Misty Cream Handset Cords**  
#10239X (6 Foot).....\$3  
#10608X (9 Foot).....\$4  
#2725-01LM (12 Foot).....\$5  
#10241X (25 Foot).....\$9

### Replacement 7000 Telephone Handset

Don't waste time. Get an exact replacement right away.

- Doesn't include handset cord
- #10200X.....\$24.30



### Amplified Handset

- Thumbwheel control boosts volume of any incoming call
- Select volume increase from 0 to 20 decibels

**Black**  
#31753A.....\$65

### Designation Cards, Strips & Panels

Relabel your phones quickly when people move and extension numbers change.

- 50 per package
- 7401D Designation Cards**  
#31841.....\$25  
**7410D Designation Cards**  
#31861.....\$25  
**7434 Designation Strips**  
#31871A.....\$10  
**7102+ Graphics Panel**  
#31850.....\$25



### Noisy Environment Handset

Hear clearly and easily.

- Filter out and reduce background noise
- Thumbwheel control boosts incoming voice by as much as 20 decibels

**Black**  
#31754A.....\$63

### Wall Mount for 7406D with Display

- Includes Installation Guide
- Black**  
#31820-03A.....\$20  
**Misty Cream**  
#31820-10A.....\$20

**Wall Mount for 7406D**  
#31821A.....\$18

CALL TOLL-FREE  
**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# AT&T SERVICES



## AT&T Long Distance Gift Certificates—the Perfect Employee Incentive or Business Gift

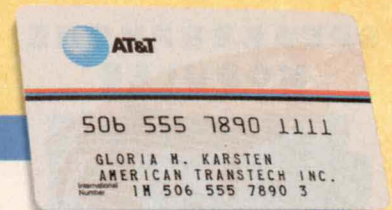
AT&T Long Distance Gift Certificates are terrific incentives and gifts for employees and customers. They are used and appreciated by everyone who receives them.

Build an incentive program around them and you'll get the enthusiastic response this warm gift invariably inspires. Use them as a sales award, holiday bonus, safety award or retirement gift. They also make great gifts to business associates because recipients can make free AT&T Long Distance calls to anywhere in the U.S. and to over 250 countries worldwide. They are accepted by all local telephone companies in the U.S. as payment for AT&T Long Distance calls.

Certificates are easy to order and inventory, and are available in any denomination requested.

Each certificate is a steel-engraved financial instrument, which makes it look and feel as valuable as it is.

**Note:** AT&T Long Distance Certificates cannot be purchased with Sourcebook Certificates.



## The AT&T Card and EXECU-BILL<sup>SM</sup> Service to Save Time, Control Costs

When you're out of the office, placing phone calls can be time-consuming and costly. But it doesn't have to be with the AT&T Card and EXECU-BILL service.

**With the AT&T Card**—You can make faster, easier calls, at big savings over collect or third-party billing. And when used with your AT&T PRO<sup>SM</sup> WATS calling plan, you can save as much as 15% more off your state-to-state long distance calls.

Use the AT&T Card to call around the corner or to over 250 countries from the U.S.—and call home from over 150. With USADirect<sup>®</sup> service, you avoid language hassles and receive the most economical rates.

And if you're making several calls in a row, the AT&T Card's Multiple Calling feature can be a real time-saver. You can even give special customers and employees AT&T CALL ME Cards so they can call you, and only you, at no cost to themselves.

**With EXECU-BILL service**—You can simplify record-keeping and make it easier to control costs. With an array of billing and reporting options, you can customize your service to match the way your company works—making it easier to monitor company-wide AT&T Card expenses, charge back to departments, and administer your AT&T Card program. And you can even have cards personalized with your company name and logo, or customized to your distinctive look.

With EXECU-BILL service, your employees will receive AT&T quality and consistent, low prices with no surprises. When you're out of the office and doing business, the AT&T Card with EXECU-BILL service is the best way to go.

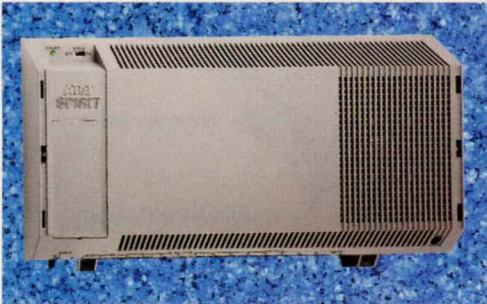
FOR  
AT&T  
LONG DISTANCE  
GIFT CERTIFICATES  
CALL TOLL-FREE  
**1 800  
222-7747**  
EXT. 1700

TO  
ORDER  
THE  
AT&T CARD  
OR  
EXECU-BILL SERVICE  
CALL TOLL FREE  
**1 800  
222-0400**  
EXT. 846

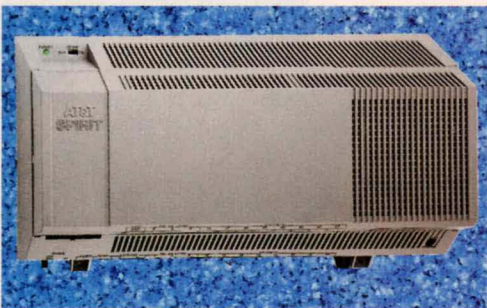


# You've Got Just the SPIRIT for Economy and Growth

*Use these Control Unit photos to guide your product selection. Compatible equipment may vary among the SPIRIT System models and be different from other AT&T Systems.*



SPIRIT 308 Control Unit



SPIRIT 308 Control Unit with 616 Expansion Unit



SPIRIT 1224 Control Unit with 2448 Expansion Unit

If you use any of the Control Units pictured above, chances are you're a part of a growing business that prides itself on cost-efficiency and future-mindedness. If you started with the SPIRIT System 308, you know that it not only gives you 3 lines and 8 telephones, it gives you the capability to expand easily to 6 lines and

16 phones with the 616 Expansion Unit. Similarly, your SPIRIT System 1224 can easily expand to 24 lines with 48 phones with the 2448 Expansion Units and Expansion Cards. Created to grow with you, the SPIRIT Systems boast a list of important standard features that are ready to use when the system is installed—and ready to save you time and money from the first day on. Right out of the box, working in tandem with super-convenient SPIRIT Telephone sets, the versatility of the SPIRIT System family will become immediately apparent to you.

In the SPIRIT System 308/616, you'll find features like:

- Speakerphone
- Hands-Free Answer on Intercom
- Speed Calling for 70 system-wide numbers, plus 12 individual numbers per station
- Do Not Disturb
- Last Number Redial
- Message Waiting
- Power Failure Interface
- Speed Dialing
- Conference
- Automatic Privacy
- Held Call Reminder

In the SPIRIT System 1224/2448, the conveniences include what you get with the smaller SPIRIT Systems, PLUS features like:

- "Follow Me" Intercom\*
- Intercom Direct Station Selection
- Station Message Detail Recording\*
- Ability to answer all lines from all telephone sets in the system

As you read through this section, you'll find all the equipment necessary to expand your SPIRIT System. When your business requires more sophisticated communications, the SPIRIT Systems meet the demand with compatible enhancement products designed to bring an added dimension of cost efficiency, productivity and convenience to your communication.

*\*System 2448 only*

## GLOSSARY:

- **Automatic Privacy:** prevents access to your confidential conversations by other individuals
- **Follow-Me Intercom:** a feature that lets you forward your intercom calls to any telephone in the system
- **Hands-Free Answer on Intercom:** on speaker-phone sets, when turned on, all intercom calls may be heard without touching the telephone
- **Intercom Direct Station Selection (DSS):** one-button access to any intercom station in the system
- **Station Message Detail Recording:** this feature records all incoming and outgoing call data including time of call, duration, number called, station used, etc. (an attached serial printer is required for printouts)

## MINI DIRECTORY

*Use this quick page reference to locate equipment found outside this section that will enhance your system.*

Items	Pages
<b>Accessories.....</b>	<b>42-46</b>
<b>Paging Systems...</b>	<b>86-88</b>
<b>Bells and Alerts.....</b>	<b>89</b>
<b>Call Accounting (SPIRIT 2448 only).....</b>	<b>91</b>
<b>Music-on-Hold** by Magic On Hold.....</b>	<b>92</b>

*\*\*See Music-on-Hold note on page 92.*



# S SPIRIT SYSTEM TELEPHONES

## GLOSSARY:

■ **Auto Dial:** one button calls extensions on your system, or Speed Calls numbers outside (6-button phones use regular dialpad)

■ **Conference Call:** up to two lines or extensions on the same call

■ **Mute/Hands-Free Answer on Intercom Button:** Used to turn off the sound to the other party during a call, also used to turn on and off the Hands-Free Answer on Intercom feature

■ **Memory:** the ability to store and automatically dial often-called Speed Dial numbers

■ **Speakerphone:** telephone with built-in microphone and speaker that allows you to converse without using the handset

■ **Transfer Button:** routes calls to another extension



### 24-Button SPIRIT Telephone (above)

An easy-to-use Speakerphone at a remarkable price.

- 16 Programmable Auto Dial Buttons
  - Hold, Transfer, Hands-Free Answer on Intercom
  - Call Conferencing
  - Includes User's Guide
  - Uses Group C Headsets, please see below
  - See page 70 for accessories
- Misty Cream**  
#3130-024A .....\$360

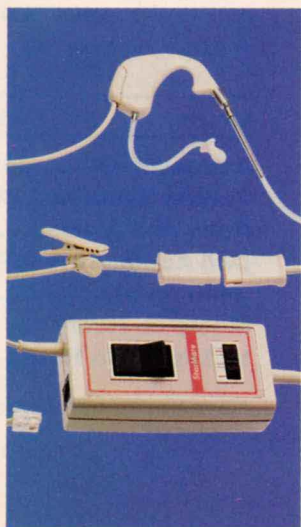
### 6-Button SPIRIT Telephone (right)

Extremely economical and includes the features you'll appreciate most.

- Speakerphone
  - Speed Calling
  - Hold, Transfer, Hands-Free Answer on Intercom
  - Call Conferencing
  - Uses Group C Headsets, please see below
  - See page 70 for accessories
- Misty Cream**  
#3130-006A .....\$270



## GROUP C: HEADSETS WITHOUT ADAPTERS



### StarSet II—StarMate E Model

A lightweight unit that hangs on either ear.

- Includes 6 sizes of eartips
- Rocker Switch easily allows shifting between handset and headset
- Quick Disconnect places call on hold when you unsnap the connector
- Built-In Volume Control
- Includes User's Guide

**Ivory**  
#3122-304A .....\$175



### SPIRIT™ Telephone Headset

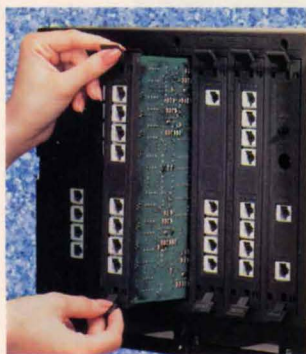
Lightweight model that rests over either ear on a single earpad.

- Built-In Volume Control
- Mute Switch for privacy
- Does not include Quick Disconnect
- Includes 4 replaceable batteries

**Misty Cream**  
#3122-314A .....\$110



## SPIRIT SYSTEM 1224/2448



### 2448 Expansion Unit

Expands capacity of SPIRIT 1224 Control Unit from 12 lines and 24 phones to 24 lines and 48 phones.

- Includes external power supply, connecting hardware and Installation Instructions
- Line or station cards must be purchased separately
- Requires SPIRIT 1224 Control Unit—to order the SPIRIT 1224 Control Unit, please call your local AT&T Sales Office on 1 800 247-7000

#60311A .....\$885

### 4-Line Expansion Card

Allows you to add 4 more outside lines per card.

- Each card has one Bridged Line Jack for power failure or other tip/ring devices
- Maximum of 6 cards per system
- Includes Installation Guide

#60312A .....\$224

### 8-Station Expansion Card

Allows you to add 8 more phones per card.

- A Paging Group consists of the phones connected to each 8-station card
- Maximum of 6 cards per system
- Includes Installation Instructions

#60313A .....\$282



### 48-Button Attendant Adjunct

Suitable for executives as well as receptionists. Must be used with 1224 Control Unit and a 24-Button telephone for:

- One-touch Intercom Dialing
- Busy-Lamp Field
- Sending and canceling messages
- Night Service
- Includes Installation Instructions

### Misty Cream

#60310A .....\$345

### SPIRIT System 2448 Training Videotape & Workbook

Learn everything about your system the easy way.

- Designed for both system administrator and set users
- Complete training on every aspect of your SPIRIT System

#10330X .....\$20

1-800-451-2100 8am-8pm EST

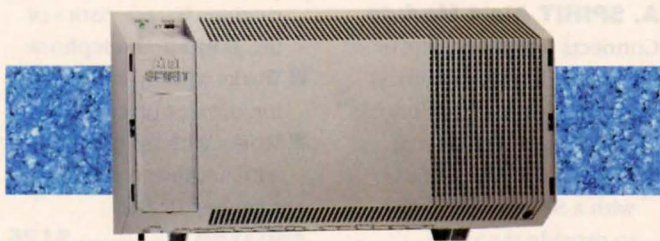
### PAYMENT OPTIONS

CHARGE CARD: 1 AMEX, VISA, AT&T  
 MASTERCARD, OR PRODUCT PLUS CARD

AT&T CREDIT LEASE 2 CORPORATION  
 ADD-ON

INVOICE 3 BILL ME

## SPIRIT SYSTEM 308/616



### SPIRIT System 308 Control Unit

- 3-line/8-telephone capacity
- Simple to install
- 2 Intercom channels
- Includes 2 Accessory Interface (line auxiliary) Jacks
- Accessory Interface Jacks can connect standard single line phones in a power failure
- Includes Jacks for Paging, external alert, music source\*
- Measures 16" W x 3" D x 8 1/2" H

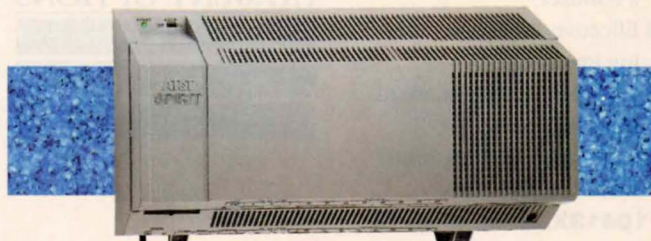
#6030-308 .....\$835

### SPIRIT System 308/616 Training Videotape and Workbook

Learn all about your system the easy way.

- Designed for system administrator and set users
- Complete training on every aspect of your SPIRIT System

#10329X .....\$20



### SPIRIT System 616 Expansion Unit

Expands your SPIRIT 308 Control Unit to a capacity of 6 lines and 16 telephones.

- Easily attaches to the basic SPIRIT 308 Control Unit
- Adds a third Accessory Interface Jack for answering machines, modems and FAX machines

- Measures 16" W x 3" D x 8 1/2" H

- Includes Installation Guide

- Requires a SPIRIT 308 Control Unit (#6030-308)

#60301A .....\$685

\*See Music-on-Hold note on page 92.

CALL TOLL-FREE

1-800-451-2100

MONDAY-FRIDAY 8AM-8PM EST





# S SPIRIT SYSTEM ACCESSORIES



## Mini Soft Shoulder Rest

You could use the comfort.

- Soft
- Non-slip
- Attaches easily to handset

## Misty Cream

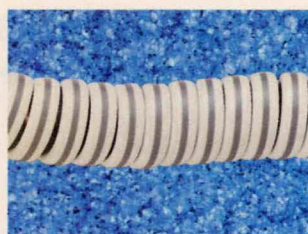
#10129X .....\$6.95

## Incoming Call Volume Amplifier

Increase the volume of incoming calls by up to 30%.

- 10-level control
- Attaches easily to phone or desk with self-adhesive tape included; this is not a handset
- Effective aid for the hearing impaired
- Connects to any standard electrical outlet
- Compatible with all SPIRIT System Telephones

#10413X.....\$34.95



## Handset Cords

Whether you want to add the style of a Designer Handset Cord, or the convenience of an Extra-Long Handset Cord, or simply replace your existing cord, you'll find the SPIRIT Handset Cord to meet your needs below.

## Designer Handset Cord 12' Misty Cream with Taupe Stripe

#10189X .....\$5

## Misty Cream Handset Cords

#10239X 6 Foot .....\$3

#10608X 9 Foot .....\$4

#2725-01LM 12 Foot.\$5

#10241X 25 Foot .....\$9

1-800-451-2100 8am-8pm EST

## PAYMENT OPTIONS

CHARGE CARD:	1	AMEX, VISA, AT&T
MASTERCARD, OR	PRODUCT PLUS CARD	
AT&T CREDIT LEASE	2	CORPORATION ADD-ON
INVOICE	3	BILL ME

## SPIRIT Customer Convenience Kit

A useful package of telephone accessories.

- Administrative Overlay for 308/616
- Administrative Overlay for 2448
- 7 Paper Designation Labels for 6-Button Set
- 2 Plastic Covers for Designation Labels for the 6-Button Set
- 5 Sets of Paper Designation Labels (2-sided) for 24-Button Set (for models 308/616 or 2448)
- 2 Packages of Plastic Covers for Designation Labels for 24 or 48-Button Set
- 3 Clear Plastic Covers for Intercom Labels

#10412X .....\$16



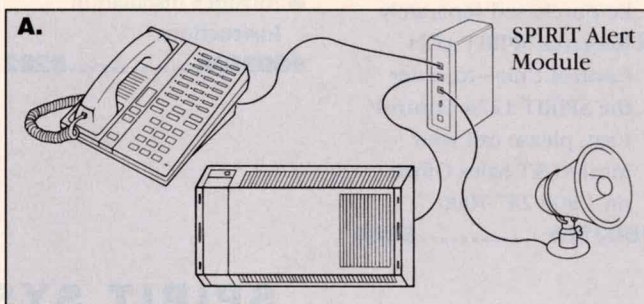
## SPIRIT Replacement Handset

A perfect match for all SPIRIT System Telephones.

- Exact replacement of your original handset

## Misty Cream

#10399X .....\$20



## A. SPIRIT Alert Module

Connects telephone sets or telephone lines to auxiliary signaling devices from page 89 (i.e., lamps and horns).

- Can be placed in series with a SPIRIT Telephone to provide the same

ringing characteristics of the associated telephone

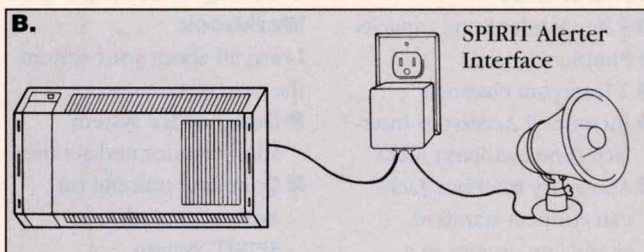
- Works with up to 3 signaling devices (except bells)
- Works with up to 2 bells with another type of signaling device

#60315A .....\$125

## NEW PRODUCT



PLEASE SEE PAGES 94-99 FOR OUR EXCITING FAX PRODUCTS.



## B. SPIRIT Alerter Interface

May be connected to the Alert Port on the SPIRIT Control Unit to provide signaling for telephone lines.

- When properly programmed may signal for all incoming lines, a line for a particular department, or for night bells
- Allows you to add up to 5 signaling devices (page 89)

#60314A.....\$70



## VOICE TERMINALS

**Model 7102+ Analog Voice Terminal**

Now you can get Message Waiting and Recall in a very economical package.

- Directory form on faceplate serves as feature access guide
- May be used as power failure station
- Can be wall-mounted (hardware included) or used on desk
- Works with DIMENSION® System, System 25 and System 75/85
- Uses all Group A Headsets with Adapter 3\*
- See page 59 for accessories

**Black**

#3188-MWS-09A.....\$85

**Misty Cream**

#3188-MWS-22A.....\$85

**Model 7401D Compact Digital Voice Terminal**

Economy in a Digital Phone with PC Accessibility. Shown on page 60.

- 7 assignable buttons
- 5 fixed feature buttons
- Special access button to DEFINITY™ System, System 75/85
- Message Waiting Light, Ringer Control, Conference, Transfer, Drop, Hold
- Uses Group B Headsets\*
- See page 59 for accessories

**Black**

#3184-CDT-09A .....\$115

**Misty Cream**

#3184-CDT-22A .....\$115

\*See Headsets on pages 74-75

## SINGLE LINE TELEPHONES

**Single Line Telephone With Message Waiting Light and Recall Button**

- Attractive, traditional design at an economical price
- All single line functions
- Message Waiting Indicator
- Recall Button to access system features
- Includes Installation and User's Guides
- Cannot be used with a speakerphone
- Uses Group A Headsets with Adapter 5 or any Group B Headsets\*
- For accessories, see below

#3178-NHL-09A (Black).....\$70

**Touch-Tone Desk Set**

- Can be used as a toll-restricted station
- Special Need Handsets available, see page 44
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets\*
- For accessories, see below

#3100-TTR-09A (Black) .....\$70

#3100-TTR-12A (Ivory).....\$70

**Rotary Desk Set**

- Uses Group A Headsets with Adapter 5 or any Group D Headsets\*

#3100-ORD-09A (Black).....\$45

#3100-ORD-12A (Ivory).....\$45

**External Ringer**

Now you can hear ringing outside, too.

- EICM-type ringer
- May be used for night service, power failure or arrangements requiring an externally mounted bell
- Requires a mounting cord to be purchased separately (14' cord, #2725-02N, \$5; 25' cord, #2725-02S, \$6)

#31019A.....\$25

**Touch-Tone Wall Set**

- May be used as a power failure set *only* in loop-start environment
- Hearing aid compatible
- Not compatible with Special Need Handsets: Push-to-Talk, Push-to-Listen, Amplified Speech, Amplified Hearing or Confidencer
- For Special Need Handset compatibility, see #3100-SRW, below
- Uses all Group A Headsets with Adapter 5 or any Group D Headsets\*
- For accessories, see below

**Black**

#3101-EBW-09A .....\$60

**Misty Cream**

#3101-EBW-22A .....\$60

**Touch-Tone Wall Set for Special Needs**

- Hearing aid compatible
- May be used with Single Line Special Need Handsets
- May be used whether or not toll-restricted station is required
- *Refurbished only, One-year Limited Warranty*

#3100-SRW-09A (Black) .....\$60

#3100-SRW-12A (Ivory).....\$60

## ACCESSORIES

**Loud External Ringer**

For easily audible ringing inside or out.

- Should not be used on night service or power failure arrangements (creates a loud gong)
- May be mounted indoors or out

#31016A.....\$28



CALL TOLL-FREE

1-800-451-2100

MONDAY-FRIDAY 8AM-8PM EST





# SINGLE LINE TELEPHONE HEADSETS

**HOW TO MAKE A HEADSET DECISION**  
If you plan to use your headset frequently, the fastest and easiest method is a headset with an adapter. Make or take a call with a flick of the adapter switch—without touching the telephone. For occasional use, modular headsets are ideal. They do, however, require the handset to be lifted to answer the call and replaced to disconnect.

## GROUP A: ADAPTERS



### Adapter 3

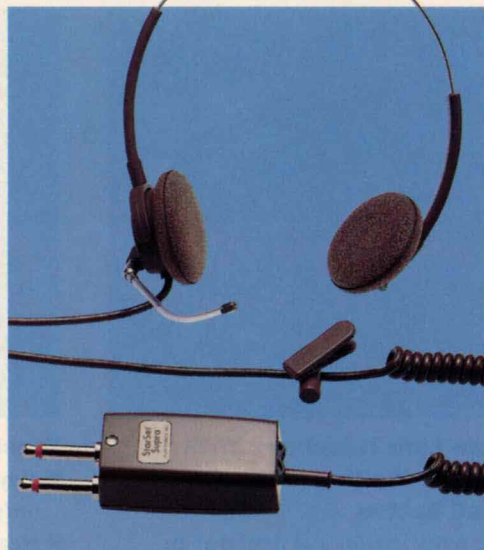
- Allows you to answer or make calls without lifting the handset
  - For 7000 Series Phones (except 7303S, 7305S, 7407D and 7401D)
  - Includes User's Guide
- #31712A .....\$290**



### Adapter 5

- Connects the headset to the telephone
  - Allows you to answer or make calls without lifting the handset
  - Includes User's Guide
- #3124-180A.....\$130**

## GROUP A: HEADSETS WITH ADAPTERS



### Supra<sup>3</sup> Standard Model

- Over-the-Ear model
  - Answer calls without lifting handset
  - Soft, cushioned pads rest over your ears
  - Includes clothing clip and User's Guide
  - Requires an adapter
- #3122-011A (Brown).....\$120**



### Supra Deluxe Model

- Over-the-Ear model
  - All the features of the Supra Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing headset or disconnecting the call
  - Requires an adapter
- #3122-012A (Brown).....\$130**



### StarSet II—Standard Model

- In-the-Ear model
  - Lightweight
  - Hangs on either ear
  - Answer calls without lifting handset
  - Built-In Volume Control
  - Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
  - Requires an adapter
- #3122-001A (Ivory) .....\$140**



### StarSet II—Deluxe Model

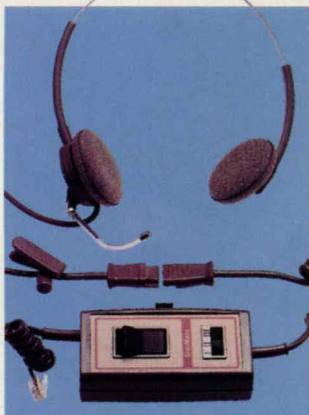
- In-the-Ear model
  - All the features of the StarSet II Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing the headset or disconnecting the call
  - Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
  - Requires an adapter
- #3122-002A (Ivory).....\$160**



# SINGLE LINE TELEPHONE HEADSETS

**S**  
LINE  
SETS

## GROUP D: MODULAR HEADSETS WITHOUT ADAPTERS

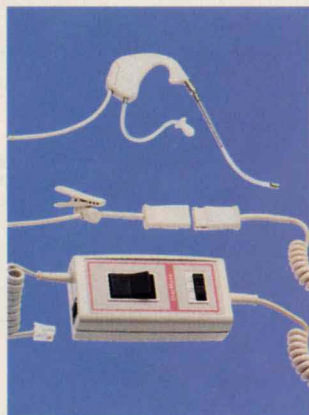


### Supra-StarMate-E Model

- Over-the-Ear model
- Dual earpads
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide

**Brown**

#3122-014A.....\$145



### StarSet II-StarMate-E<sup>3</sup> Model

- In-the-Ear model
- Hangs on either ear
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of ear tips and User's Guide

**Ivory**

#3122-004A .....\$145

## HANDSET CORDS

### Misty Cream Telephone Handset Cords:

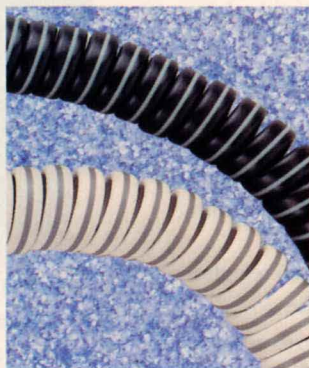
#10239X (6').....\$3  
#10608X (9').....\$4  
#2725-01LM (12') .....\$5  
#10241X (25').....\$9

### Black Telephone Handset Cords:

#10238X (6').....\$3  
#10609X (9').....\$4  
#10089X (12') .....\$5  
#10132X (25').....\$9

### Ivory Telephone Handset Cords:

#10248X (6').....\$3  
#2725-01L (12') .....\$5  
#10251X (25').....\$9



### Designer Handset Cords: 12' Black with Silver Stripe

#10188X .....\$5  
12' Misty Cream with Taupe Stripe  
#10189X.....\$5

## ACCESSORIES



### A. Speech Amplification Handset\*

- Thumbwheel volume control makes a soft voice sound louder
- For use with 3100 series telephones
- Includes User's Guide

#31012A (Ivory) .....\$84

### B. Single Line, Touch-Tone Amplified Hearing Handset

- Thumbwheel volume control makes a soft voice sound louder
- For use with 3100 series telephones
- Includes User's Guide

#31011A (Ivory).....\$40

### Push-to-Talk Handset\*

Push a button and carry on a normal conversation.

- For use with 3100 series telephones

#31013A (Ivory) .....\$56

### Push-to-Hear Handset\*

Increase the volume of an incoming call by 15%.

- Push button restores the volume to normal
- For use with 3100 series telephones
- Includes User's Guide

#31014A (Ivory) .....\$56

### Hearing Amplification Handset\*

Increase the volume of an incoming call 15% more than regular handsets for the hearing impaired.

- Use with caution
- Adjustable volume control

- For use with 3100 series telephones
- Includes User's Guide

#10269X (Ivory) .....\$85

### Confidencer Mouthpiece Attachment

- For use with 3100 series telephones

#31051-09 (Black) ..\$31

#31051-12 (Ivory) ..\$31

### Very High Noise Confidencer

Be heard even from noisy locations.

- Helps eliminate background noise so you can be heard
- Perfect for large, open offices, salesrooms, etc.
- For use with 3100 series telephones
- Includes User's Guide

#31050-09 (Black) ..\$37

#31050-12 (Ivory) ...\$37

### Portable Amplifier

Amplify sound up to 20 decibels.

- Battery powered
- Slips onto any phone
- Compatible with inductively coupled hearing aids

**Ivory**

#10135X .....\$27.75

### Incoming Call Volume Amplifier

Increase the volume of incoming calls by up to 30%.

- 10-level volume control
- Connects to a standard electrical outlet
- For noisy environments or for the hearing impaired
- Not a handset

**Ivory**

#10413X.....\$34.95

*\* For those with severe hearing impairment*

CALL TOLL-FREE  
**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# HORIZON SYSTEM

## TELEPHONES AND ACCESSORIES

### A. HORIZON System 10-Button MET Set with Built-In Speakerphone

Hands-Free convenience is yours.

- Capable of handling up to 10 programmable features
- Uses all Group A Headsets with Adapter 4, or any Group D Headsets

#3141-BISA.....\$350

### HORIZON System 10-Button MET SET (not shown)

Up to 10 programmable features available with the HORIZON System

- 10 buttons for features
- Uses all Group A Headsets with Adapter 4, or any Group D Headsets
- *Refurbished only, One-year Limited Warranty*

#3140-010A.....\$315

## EXPANSION MODULES

### MET Station Circuit Pack (LC72B)

- Required for every 4 Met Stations
- *Refurbished only, One-year Limited Warranty*

#62105A.....\$550

### Optional Non-MET Auxiliary Pack (LC94)

- Required for every 8 non-MET stations
- One of the 8 ports is required if a delayed announcement machine with DGC is ordered
- For single line sets, use right #3100-TTR above right

#62110A.....\$800

### CO/PBX Loop Pack (LC73C)

- Required by each group of four loop-start lines
- If trunk level access to Paging is needed, one of the four ports (per access) is required
- *Refurbished only, One-year Limited Warranty*

#62108A.....\$400

### 1-800-451-2100 8am-8pm EST PAYMENT OPTIONS

CHARGE CARD: 1 AMEX, VISA, AT&T  
MASTERCARD, OR PRODUCT PLUS CARD

AT&T CREDIT 2 CORPORATION  
LEASE ADD-ON

INVOICE 3 BILL ME



## ACCESSORIES



### B. Single Line Touch-Tone Amplified Handset

Boost the volume of incoming calls.

- Easy-to-use thumbwheel control
- Allows you to increase incoming voice up to 20 decibels
- Compatible with #3100 telephone sets
- Includes User's Guide

#31011A (Ivory).....\$40

### C. HORIZON MET Set Amplified Handset

Boost the volume of the incoming calls.

- Easy-to-use thumbwheel control
- Allows you to increase incoming voice up to 20 decibels

#31015A (Ivory).....\$44

### HORIZON System Single Line Touch-Tone Telephone

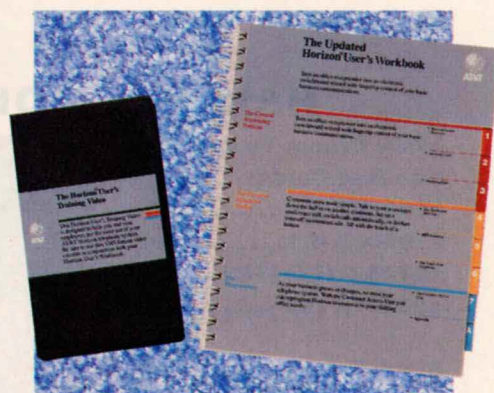
Basic features at an economical price.

- Uses all Group A Headsets with Adapter 5, or any Group D Headsets

#3100-TTR-12A (Ivory).....\$70

#3100-TTR-09A (Black).....\$70

**NOTE:** For more information on headsets, see pages 81-84. Page 85 details headset accessories and replacement parts.



### HORIZON System Training Videotape and Workbook

Learn all about it the easy way.

- Complete information on every aspect of your system
- Easy training program
- For system administrator as well as set user
- VHS Tape includes User's Guide

#10331X.....\$39.95



# 1A2 KEY TELEPHONE HEADSETS

**1A2**  
KEY

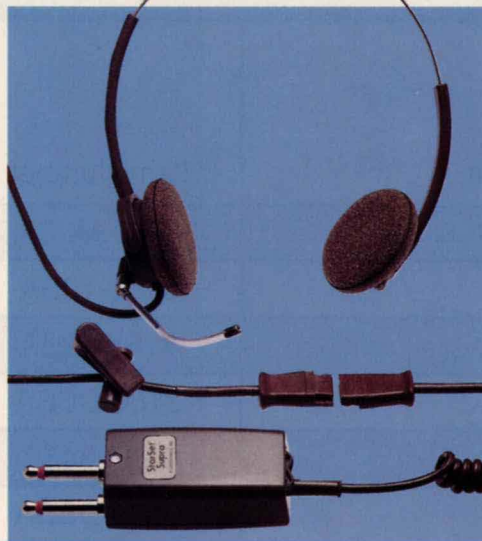
## GROUP A: HEADSETS WITH ADAPTERS



### Supra Standard Model

- Over-the-Ear model
- Answer calls without lifting handset
- Soft, cushioned pads rest over your ears
- Includes clothing clip and User's Guide
- Requires an adapter

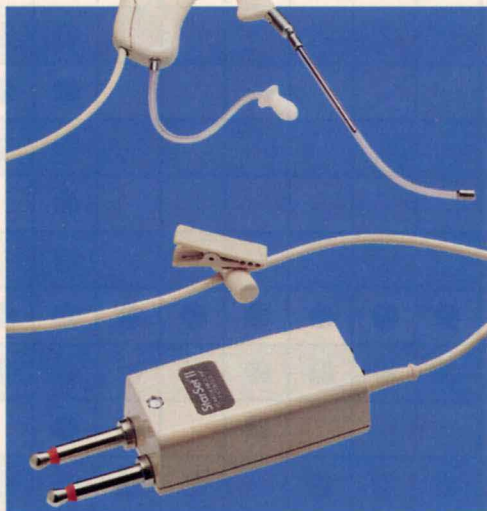
**#3122-011A (Brown) .....\$120**



### Supra Deluxe Model

- Over-the-Ear model
- All the features of the Supra Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes clothing clip and User's Guide
- Requires an adapter

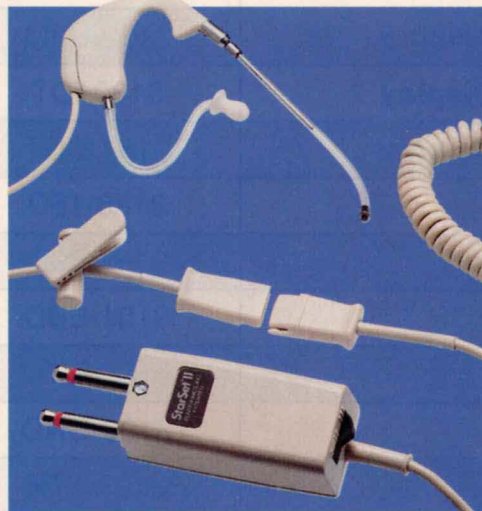
**#3122-012A (Brown).....\$130**



### StarSet II—Standard Model

- In-the-Ear model
- Lightweight
- Hangs on either ear
- Answer calls without lifting handset
- Built-In Volume Control
- Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability, and User's Guide
- Requires an adapter

**#3122-001A (Ivory).....\$140**



### StarSet II—Deluxe Model

- In-the-Ear model
- All the features of the StarSet II Standard PLUS Quick Disconnect—allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability, and User's Guide
- Requires an adapter

**#3122-002A (Ivory) .....\$160**

## GROUP A: ADAPTER



### Adapter 5

- Connects the headset to the telephone
- Allows you to answer or make calls without lifting the handset
- Includes User's Guide

**#3124-180A.....\$130**

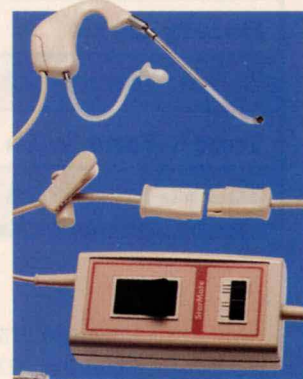
## GROUP D: HEADSETS



### Supra—StarMate

- Over-the-Ear model
- See page 84 for features

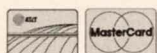
**Brown  
#3122-014A.....\$145**



### StarSet II—StarMate

- In-the-Ear model
- See page 84 for features

**Ivory  
#3122-004A.....\$145**



CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# TELEPHONE COMPATIBILITY CHART

TELEPHONES		SYSTEMS							
Telephones are found in the System Sections	Item Number	MERLIN 206, 410 and 820	MERLIN 1030/3070	MERLIN Plus	MERLIN II	HORIZON	System 25	System 75	System 85
<b>MERLIN Cordless (MLC-5)</b>	3168-MLCA	●	●	●	●		●		
<b>BIS-10</b>	3165-10BA	●	●	●	●		●		
<b>BIS-22</b>	3166-22BA	●	●	●	●		●		
<b>BIS-22D</b>	3166-DSBA	●	●	●	●		●		
<b>BIS-34</b>	3167-34BA	●	●	●	●		●		
<b>BIS-34D</b>	3167-DSBA	●	●	●	●		●		
<b>Attendant Console</b>	61392A		●		●				
<b>10 BTN MET BIS</b>	3141-BISA					●			
<b>10 BTN MET</b>	3140-010A					●	●	●	
<b>3178 Single Line</b>	3178-NHL				●		●	●	●
<b>7102+ Analog</b>	3188-MWS						●	●	
<b>7406D Digital</b>	3183-LDM							●	●
<b>7406D Digital with Display</b>	3182-LDM							●	●
<b>7407D Digital with Display</b>	3180-IDT							●	●
<b>7401D Digital with Display</b>	3184-CDT							●	●
<b>7410 Digital</b>	3186-15D							●	
<b>7434 Digital</b>	3187-39D							●	
<b>Touch-Tone Desk</b>	3101-EBD	● <sup>2</sup>	●	● <sup>3</sup>	●	● <sup>4</sup>	●	●	●
<b>Touch-Tone Wall</b>	3101-EBW	● <sup>2</sup>	●	● <sup>3</sup>	●	● <sup>4</sup>	●	●	●
<b>Rotary Desk</b>	3100-ORD				●		●	● <sup>6</sup>	
<b>Touch-Tone Desk</b>	3100-TTR	● <sup>1</sup>	●	● <sup>5</sup>		●	●	●	●
<b>Touch-Tone with Message Waiting</b>	3101-EMW					●	● <sup>7</sup>	●	
<b>Touch-Tone with Timed Recall</b>	3101-ETR		●		●	●	●	●	●

<sup>1</sup>Requires BTMI (#2301-BTIA)

<sup>2</sup>Requires BTMI, or Off-Premises Unit (OPU) (#2302-OPUA, p.45)

<sup>3</sup>Requires BTMI or OPU, or can be connected to Aux Jack

<sup>4</sup>Requires LC94 8-Station Circuit Pack (#62110A, p. 76)

<sup>5</sup>Requires BTMI, or Aux Jack

<sup>6</sup>Version 2 or 3

<sup>7</sup>HORIZON Hospitality System only



# The Headset Advantage

The headset has finally come of age. Executives, managers, sales and service people have discovered what receptionists and secretaries have known for some time—using a headset frees you to be more productive.

AT&T headsets are designed and manufactured with the high standards of quality that have become synonymous with the AT&T name. For your convenience, we've divided our headsets into groups that are labeled with the letters A through D. To find the compatible headset groups, simply refer to the product description of your telephone model in your System Section.

Headsets are also divided into those that require an adapter and those that do not. The advantages of each type are discussed both in the System Sections and in the following Headset pages, allowing you to easily choose the headset that's best for your needs.

Listed below are some of the terms commonly associated with headset products. Their definitions will help you understand the benefits of the headsets featured on the following pages.

■ **Hypoallergenic:** all eartips and ear cushions are made of materials that are least likely to cause most allergic reactions

■ **Independent Volume Control:** Supra and StarSet models feature a 3-position volume control; SPIRIT models feature a rotary volume control that allows you to dial up the volume of incoming calls.

■ **Quick Disconnect:** allows you to unsnap your connector, to leave your work area without removing your headset or disconnecting the call

■ **Rocker Switch:** a toggle control that allows you to shift between handset and headset usage

■ **SoundGuard<sup>3</sup> Circuitry:** electronic circuitry that cushions excessive noise, this feature is standard on most models

■ **Superior Sound Quality:** achieved through SPIRIT's boom-mounted microphone and receiver, and Supra/StarSet II's capsule-mounted microphone and receiver

■ **Voice Switching:** reduces the volume on a headset microphone when the user is silent, reducing background noise (available on Supra and StarSet models)

■ **Voice Tube:** the device into which you speak

## PROFILE



### "I COULDN'T HAVE CREATED A MORE EFFICIENT DESIGN MYSELF."

*"Although I now run my own architecture firm, I still tend to find myself at my drawing board for most of the day. I'm either reviewing plans designed by my associates or junior partners, or I'm working on my own ideas. I'm constantly using my hands, whether it's to check a measurement or begin a sketch, but I also need to make a lot of phone calls.*

*Before I got my headset, making calls meant interrupting my work. I'd be in the middle of preparing a bid or an estimate and need to check material costs. Or I'd be preparing a presentation and need to check whether there had been any updates in the building codes. I had to get on the phone, but that meant putting down my tools. No matter where I put my phone it just never seemed close enough. Sometimes I'd even put off calls and then forget to make them. Do that too many times in this business and you lose credibility and that means losing clients.*

*My headset's made telephone frustration a thing of the past. It's simply indispensable to me. Now if I need information I just flick a switch and make a call. No more fumbling with the phone, no more putting off important calls, no more interrupting my work. And, if a client calls with a question, I can often just lay the plans out and come up with answer right then and there—no more 'I'll get back to you.' I could never do that with a conventional phone. I can't see how I ever got along without a headset, it's become just about the most important tool I have."*



# HEADSETS

## GROUP A: ADAPTERS

- Connects the headset to the telephone
- Allows you to answer or make a call without lifting the handset



### Adapter 1

- For MERLIN System Telephones (except 5-Button and HFAI-10)
  - Includes User's Guide
- #3164-HFAA .....\$184**

### Adapter 2

- For Model 7303S and 7305S Voice Terminals
  - Same housing and features as Adapter 1, but with different circuitry
- #31731A.....\$160**

### Adapter 3

- For 7000 Series Voice Terminals (except 7303S, 7305S, 7407D and 7401D)
  - Same housing and features as Adapter 1, but with different circuitry
- #31712A.....\$290**



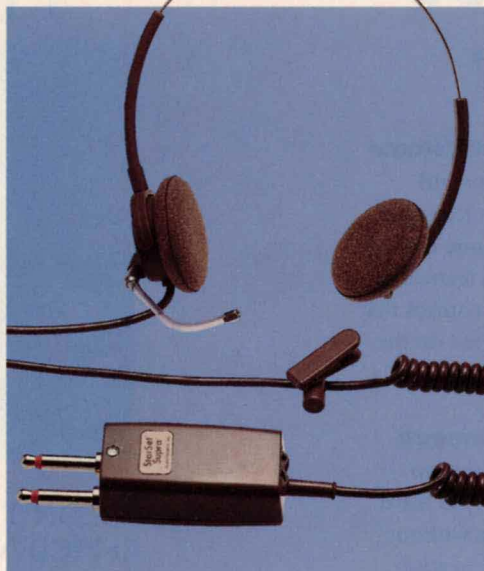
### Adapter 4

- For HORIZON System MET sets, COMKEY 416 Telephones
  - AT&T installation recommended
- #3124-181A.....\$150**

### Adapter 5

- For 1A Key and Single Line Telephones
  - Same housing as Adapter 4, but with different circuitry
  - AT&T installation recommended
- #3124-180A.....\$130**

## GROUP A: HEADSETS WITH ADAPTERS



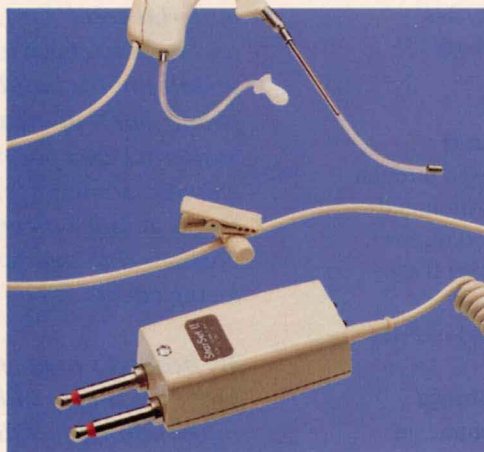
### Supra Standard Model

- Over-the-Ear mono-aural model
  - Answer calls without lifting handset
  - Soft, cushioned pads rest over your ears
  - Includes clothing clip and User's Guide
  - Requires an adapter
- #3122-011A (Brown).....\$120**



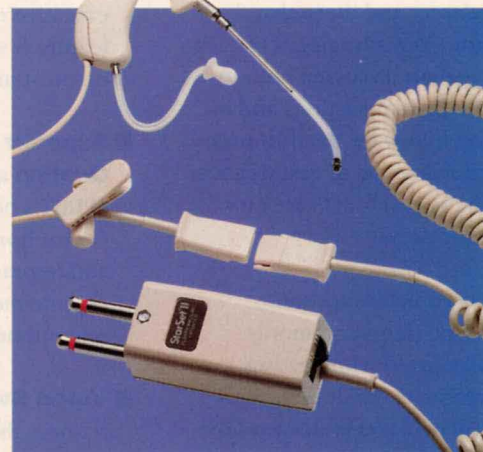
### Supra Deluxe Model

- Over-the-Ear mono-aural model
  - All the features of the Supra Standard PLUS Quick Disconnect: Unsnap connector and leave your work area without removing headset or disconnecting the call
  - Includes clothing clip and User's Guide
  - Requires an adapter
- #3122-012A (Brown).....\$130**



### StarSet II—Standard Model

- In-the-Ear model
  - Lightweight
  - Hangs on either ear
  - Answer calls without lifting handset
  - Built-In Volume Control
  - Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
  - Requires an adapter
- #3122-001A (Ivory) .....\$140**



### StarSet II—Deluxe Model

- In-the-Ear model
  - All the features of the StarSet II Standard PLUS Quick Disconnect: Unsnap connector and leave your work area without removing the headset or disconnecting the call
  - Includes 6 sizes of eartips, clothing clip, eyeglass frame attachment for headset stability and User's Guide
  - Requires an adapter
- #3122-002A (Ivory).....\$160**



## GROUP B: MODULAR HEADSETS



**StarSet II³—StarMate-E³ Model**

- In-the-Ear model ■ Hangs on either ear
- Lightweight ■ Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes 6 sizes of eartips and User's Guide
- Does not require an adapter

#3122-204A (Black) .....\$175

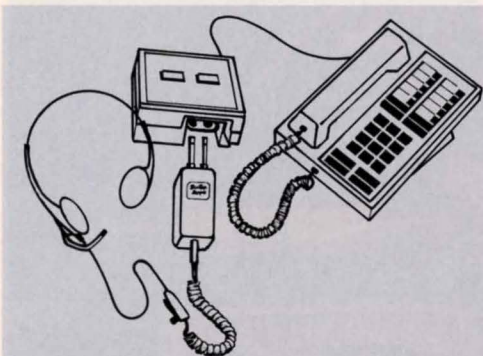


**Supra—StarMate-E³ Model**

- Over-the-Ear model
- Includes a single earpad
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect allows you to unsnap connector and leave your work area without removing headset or disconnecting a call
- Includes User's Guide
- Does not require an adapter

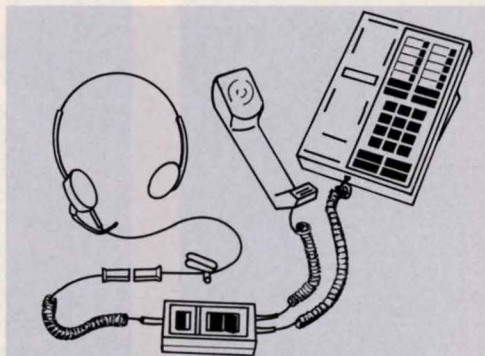
#3122-214A (Black) .....\$175

## Adapter Headsets or Modular Headsets, Which One Is Best for You?



### Why use a Headset with an Adapter?

If you plan to use your headset most of the day and would like the easiest way to handle your calls, consider a headset with an adapter. A headset with an adapter allows you to answer a call with a flick of the adapter switch, without touching the telephone. Use it to turn your headset on to make outgoing calls without lifting the handset. By far, the headset and adapter combination is the fastest and most convenient arrangement for the high-volume telephone user.



### What is a Modular Headset?

Ideal for the occasional user, these modular headsets plug directly into the phone without an adapter. For the low-volume user, modular headsets are the light and easy alternative for gaining mobility and productivity at the same time.

**NOTE:** Operationally, these headsets differ from headsets with adapters because they require the handset to be taken off the phone to answer a call and be hung up to disconnect a call. For high-volume use, consider a headset with an adapter.

## How to Make a Headset Decision

Sales people, managers and others who use phones throughout the day, but also need to use their hands, may be surprised by the freedom a headset can offer.

Once you've decided to try a headset, you may choose either a headset with an adapter or a modular headset.

A headset with an adapter allows you to answer or make a call without lifting the receiver.

A modular headset plugs directly into your phone but requires you to lift the handset to answer a call and hang it up to disconnect.

Another convenient feature of some headsets is Quick Disconnect, which allows you to unsnap from your phone without having to remove your headset or disconnect a call.

Over-the-Ear models have soft, cushioned pads that rest over your ears. The sound is heard through one earpad. In-the-Ear headsets are light units that hang on either ear.

CALL TOLL-FREE

**1-800-451-2100**

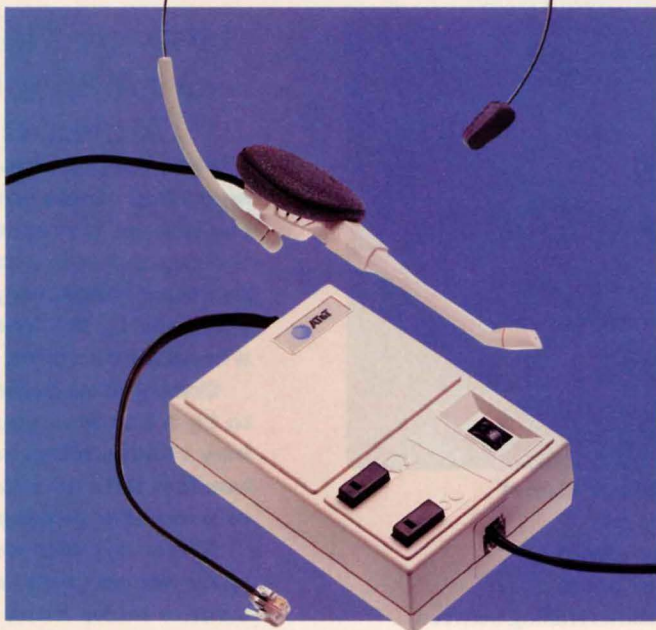
MONDAY-FRIDAY 8AM-8PM EST





# HEADSETS

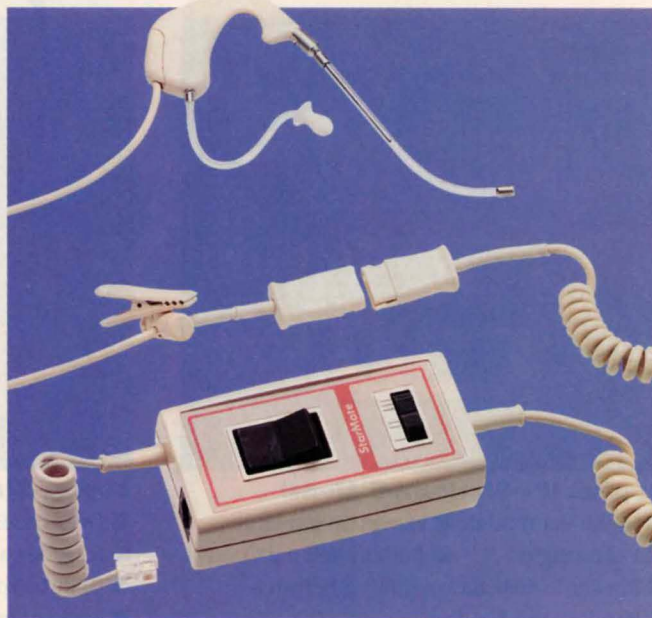
## GROUP C: MODULAR HEADSETS WITHOUT ADAPTERS



### SPIRIT Telephone Headset

A lightweight model that rests over either ear on a single earpad.

- Built-In Volume Control
  - Mute switch on headset offers privacy when desired
  - Does not include Quick Disconnect
  - Includes 4 replaceable batteries and User's Guide
- #3122-314A (Misty Cream) .....\$110



### StarSet II StarMate Model, for SPIRIT Telephones

This lightweight unit hangs on either ear. Has volume control.

- Includes 6 sizes of eartips and User's Guide
  - Rocker Switch allows shifting between handset and headset
  - Quick Disconnect: unsnap your connector and leave your work area without removing headset or disconnecting a call
- #3122-304A (Ivory) .....\$175

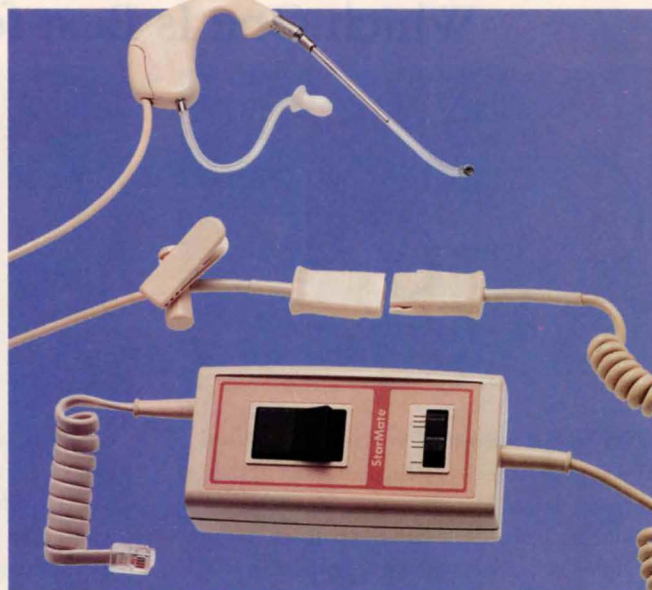
## GROUP D: MODULAR HEADSETS WITHOUT ADAPTERS



### Supra-StarMate Model, For HORIZON MET Sets, COMKEY 416, 1A2 Key, and Single Line Telephones

- Over-the-Ear mono-aural model
- Built-In Volume Control
- Includes User's Guide
- Dual earpads
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect: unsnap connector, put your call on hold, and leave your work area without removing headset or disconnecting a call

#3122-014A (Brown) .....\$145



### StarSet II-StarMate Model for HORIZON MET Sets, COMKEY 416, 1A2 Key, and Single Line Telephones

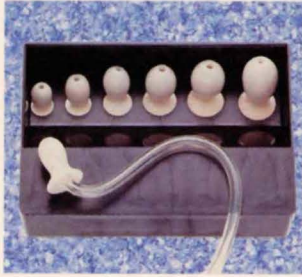
- In-the-Ear model
- Hangs on either ear
- Lightweight
- Built-In Volume Control
- Rocker Switch allows shifting between handset and headset
- Quick Disconnect: unsnap connector, put your call on hold, and leave your work area without removing headset or disconnecting a call

■ Includes 6 sizes of eartips and User's Guide  
#3122-004A (Ivory) .....\$145



# HEADSET ACCESSORIES

## ACCESSORIES



### Eartip Kit for StarSet II

- 6 different sizes for you to try to find what fits best

#10267X .....\$5

### Eartips for StarSet II (Pkg. of 12)

- Hypoallergenic
- Antibacterial
- Replace every six months

**Size 1 (Smallest)**  
#10190X .....\$11.45

**Size 2**  
#10191X .....\$11.45

**Size 3**  
#10192X .....\$11.45

**Size 4**  
#10193X .....\$11.45

**Size 5**  
#10194X .....\$11.45

**Size 6 (Largest)**  
#10195X .....\$11.45

### Dual Eartip Kit for StarSet II

Under-the-chin extension to your other ear.

- Comes with 2 eartips in your choice of sizes

**Size 1 (Smallest)**  
#10196X .....\$4.70

**Size 2**  
#10197X .....\$4.70

**Size 3**  
#10198X .....\$4.70

**Size 4**  
#10199X .....\$4.70

**Size 5**  
#10201X .....\$4.70

**Size 6 (Largest)**  
#10202X .....\$4.70



### Supra Model Replacement Ear Cushions

- Soft foam
- Hypoallergenic
- Replace every six months

**1 Pair—Brown**  
#10207X .....\$3.85

**1 Pair—Black**  
#10208X .....\$3.85

**10 Pair—Brown**  
#10209X .....\$35

**10 Pair—Black**  
#10210X .....\$35

### SPIRIT Telephone Headset Replacement Ear Cushion

- Soft foam
- Hypoallergenic
- Replace every six months

**1 Cushion—Gray**  
#10332X .....\$2.25

### Background Noise Suppressor for Voice Tube

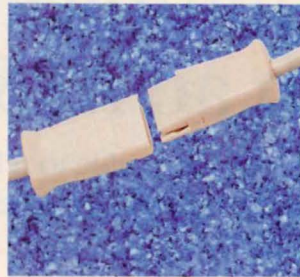
- Blocks out minor background noise and positions tube properly
- White, plastic, spoon shaped cup

■ Attaches to the end of voice tube  
#10206X .....\$2.65

### StarSet II Eyeglass Frame Clip

- Snaps on for added stability (Attaches your headset capsule to your eyeglasses)

#10205X .....\$1.25



### Extension Cords for Headsets with Quick Disconnect

Quick Disconnect allows you to unsnap your connector and leave your work area without removing your headset or disconnecting a call. Achieve greater mobility with ten extra feet of spring cord.

#### StarSet II—Ivory

#10211X .....\$31.50

#### StarSet II—Black

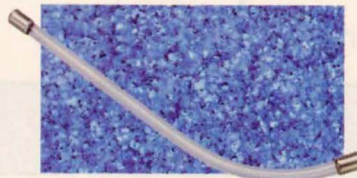
#10212X .....\$31.50

#### Supra—Brown

#10213X .....\$31.50

#### Supra—Black

#10214X .....\$31.50



### Voice Tube for Supra and StarSet II

These are easy to fit acoustic voice tubes.

- Replace once a year

**1 Tube**  
#10203X .....\$7.35

**10 Tubes**  
#10204X .....\$52.15

## REPLACEMENT PART KITS

Complete packages of replacement parts to ensure that your headset remains hygienic and comfortable. These kits are an economical way to get the replacement parts you need to derive the maximum benefits from your headset.

### Supra Kit (Over-the-Ear) for Black Headsets

The ear cushion and voice tubes included in this kit should be replaced at regular intervals (every 6 months if used constantly).

- 2 pairs of soft foam, hypoallergenic ear cushion pads
- 2 voice tubes
- 2 background noise suppressors (attach to end of voice tube)

#10397X .....\$24

### Supra Kit (Over-the-Ear) for Brown Headsets

Same as above, but with brown ear cushion pads.

#10414X .....\$24

### StarSet Kit (In-the-Ear)

A complete replacement part kit for your StarSet headset includes:

- Try-for-size eartip kit of 6 different sizes (hypoallergenic and antibacterial)
- 2 eyeglass frame clips (easily attach headset to your eyeglass frame)
- 2 background noise suppressors
- 2 replacement voice tubes

#10398X .....\$24



CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# PAGING

## Great Communication Starts in the Office—with an AT&T Paging System.

Efficiency at the office starts with being able to relay information internally, simply and succinctly. No more searching for people to tell them something. With paging, everyone is always exactly where they're needed—within earshot.

MAJOR FEATURES	AT&T PAGING SYSTEMS						
	Page Pac 6	Page Pac 6 Plus	Page Pac 20	Page Pac VS	Page Pac 50	Page Pac 100	Page Pac 200
Paging Area Square Footage Estimates	15,000	15,000	30,000	75,000	100,000	150,000	150,000+
Zones	1	3	1	3	4	4	4
Individually Selectable Group Zones	No	Yes	Yes	No	Yes	Yes	Yes
Off-Premises Paging Zone	No	No	No	1	1-20	1-20	1-20
Voice Talk Back via Speakers	No	Yes	Opt.	Opt.	Opt.	Opt.	Opt.
Background Music Connection*	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operator Override Capability	No	No	No	No	Yes	Yes	Yes
Night Bell Service	No	No	Opt.	No	No	No	No
Rotary or Touch-Tone Telephone Access	Yes	Yes	Yes	Yes**	Yes	Yes	Yes
Maximum Number of Zones	NA	N/A	3†, 9 or 39	3†	24	24	24
Voice-Coil Speakers	Yes	Yes	Yes	No	No	No	No
70-Volt Speakers	No	No	Yes	Yes	Yes	Yes	Yes

\* Customer must supply music source. Users of equipment that rebroadcasts copyrighted music or material may be required to obtain a copyright license, and pay the license fees, from a third party such as ASCAP or BMI. Licensed music source available from AT&T. See Magic On Hold, page 92.

\*\* Touch-Tone Only.

† Zone Mate 3 is compatible with MERLIN System 1030/3070 only.



# PAGING SYSTEMS



## PagePac<sup>1</sup> 20 PowerMate<sup>1</sup>

The amplifier component of a modular, flexible approach to paging.

- For use with 20-watt, single-zone, one-way system
- 20 watts of power run 50 to 60 1/4-watt speakers (normal office environment)
- Desk, shelf or wall mounted
- Required to run TalkMate, ZoneMate and PagePac speakers
- Can also be used to run other speakers
- Music input \*
- Low-voltage, Voice-Coil design allows you to raise the volume up to 15 watts
- For use with Voice-Coil or 70-volt speakers
- Includes User's Guide

#5323-005A .....\$479

## PagePac 20 TalkMate<sup>1</sup>

Allows you to answer back to the speaker when you're paged.

- Requires a PagePac 20 PowerMate\*\*
- Not usable with 70-volt speaker (#51001A)
- Includes Installation and User's Guides

#53501A .....\$180

## PagePac 20 ZoneMate<sup>1</sup> 3

Now you can select your area of paging.

- Provides 3 separate paging zones.
- Night bell feature sounds distinct tone for incoming calls
- Requires TalkMate (#53501A) for answering back to speakers
- Requires PagePac 20 PowerMate\*\*
- Compatible only with MERLIN System 1030/3070
- Includes User's Guide

#53504A .....\$240

\*See Music-on-Hold note on page 92.

\*\*See #5323-005A this page.

## PagePac 20 ZoneMate 9

For 9 areas of paging.

- 9 Paging Zones
- Group Zoning
- All Call
- Programmable TalkBack (lets you answer back to speakers)
- Regular tones alert you of incoming calls
- Night service has a special tone
- 70-volt option on 3 zones
- Uses Central Office Trunk Port
- Does not require Paging Cartridge or Service Module in MERLIN System Control Unit
- Requires PagePac 20 PowerMate\*\*
- Includes User's Guide

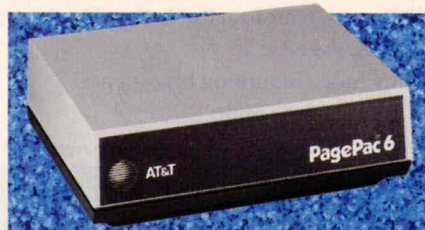
#53505A .....\$600

## PagePac 20 ZoneMate 39

For 39 areas of paging.

- 39 Paging Zones
- Common Control Unit lets you answer back (no need for TalkMate option)
- Zone Paging Control allows you to page 1 or several zones simultaneously
- Night bell capability
- Requires PagePac 20 PowerMate\*\*
- Includes User's Guide, 5 1/2' cable

#53506A .....\$840



## PagePac 6

Easily connected to your phone system.

- Supports normal office environment
- Up to twelve 1/4-watt speakers
- Can be used for background music\*
- Does not support TalkBack
- Complete with UL-approved 12-volt power supply (plugs into 120-volt electrical outlet)
- PortSaver may be required
- For use with Voice-Coil speakers

#5323-006A .....\$299



## PagePac 6 Plus

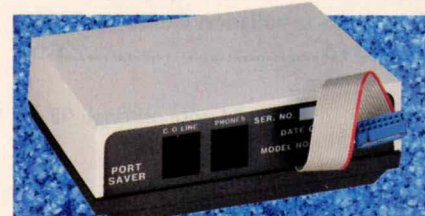
Like having a PortSaver built-in, this system shares a telephone company line with your telephone system.

- Compact and low-cost
- 3-zone paging of 2 watts per zone
- Each zone can support up to four 1/4-watt speakers
- No connecting equipment required for SPIRIT or MERLIN Systems
- Complete with UL-approved 12-volt power supply (plugs into 120-volt electrical outlet)

■ For use with Voice-Coil speakers

#5323-008A .....\$719

# CONNECTORS



## PagePac 6 PortSaver<sup>1</sup>

Allows telephone company line sharing between telephone system and Paging System.

- Now you can page on the same line as your normal telephone line
- For use with PagePac 6 only

#53519A .....\$179

## Trunk Adapter

Connects PagePac 6 or PagePac 20 directly to a standard telephone, loop-start trunk, or a Key System pick-up key.

- Dedicates the Trunk for paging only
- Includes Installation Guide

#53518A .....\$110



CALL TOLL-FREE  
**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# PAGING SYSTEMS: SPEAKERS AND HORNS



## Desktop Speaker

This compact 1/2-watt Voice-Coil desktop loudspeaker can also be wall mounted.

- For use with PagePac 6, PagePac 6 Plus and PagePac 20

#53516A.....\$42

## .25- to 15-Watt Adjustable Horn Loudspeaker

For use indoors or out, unidirectional.

- 70-volt, adjustable wattage
- Settings of .25, .5, 1, 2, 4, 7, 5 and 15 watts
- For use with PagePac 20
- Cannot be used with TalkBack
- Includes Installation Guide

#51001A.....\$90

\* See Music-on-Hold note on page 92

CALL TOLL-FREE

1-800-451-2100

MONDAY-FRIDAY 8AM-8PM EST



## Universal Indoor Loudspeaker

A 1/2-watt speaker in a walnut veneer cabinet.

- Volume control
- Includes mounting hardware
- For use with PagePac 6, PagePac 6 Plus, PagePac 20
- Can be used with TalkBack
- Includes Installation Guide

#53511A.....\$60



## 1-Watt Speaker Horn

Unidirectional, Voice-Coil horn loudspeaker for indoor or outdoor use.

- For use with PagePac 6, PagePac 6 Plus, PagePac 20
- Includes mounting bracket and Installation Guide

#53512A.....\$84



## Suspended Ceiling Loudspeaker

A 1/2-watt Voice-Coil speaker.

- Volume control
- Includes all mounting hardware
- For use with PagePac 6, PagePac 6 Plus, PagePac 20
- Includes Installation Guide

#53514A.....\$42



## P-Tec Lite Surface-Mount Speaker

Extremely compact 3.6" cone speaker is easily installed and relocated.

- 1/2-watt, high-quality Voice-Coil speaker for paging and background music\*
- For use with PagePac 6, PagePac 6 Plus, PagePac 20
- Has a Push-and-Lock mounting

#53515A.....\$42

## CONNECTING CHART FOR PAGING SYSTEMS

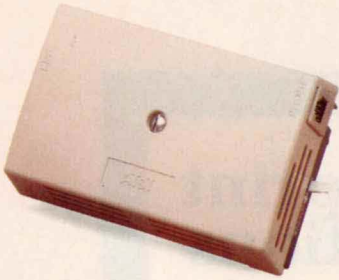
### SYSTEMS:

### CONNECTORS:

	PAGEPAC 6	PAGE PAC 6 PLUS	PAGEPAC 20
TELEPHONE PAGING			
MERLIN 206, 410, 820 Systems	Music-On-Hold / Paging Cartridge #6102-MHPA (Pg. 12) or PortSaver #53519 (Pg. 87), or Trunk Adapter #53518 (Pg. 87)	N/R	Music-On-Hold / Paging Cartridge #6102-MHPA (Pg. 12), or Trunk Adapter #53518 (Pg. 87)
MERLIN Plus Systems	N/R (PortSaver #53519 optional Pg. 87)	N/R	N/R
MERLIN 1030/3070 System	Services Module #61320A (Pg. 25), or Trunk Adapter #53518 (Pg. 87), or PortSaver #53519 (Pg. 87)	N/R	Services Module #61320A (Pg. 25), or Trunk Adapter #53518 (Pg. 87)
MERLIN II System	PortSaver #53519 (Pg. 87), or Trunk Adapter #53518 (Pg. 87)	N/R	Trunk Adapter #53518 (Pg. 87)
SPIRIT 308/616 System	N/R (PortSaver #53519 optional Pg. 87)	N/R	N/R
SPIRIT 2448 System	PortSaver #53519 (Pg. 87), or Trunk Adapter #53518 (Pg. 87)	N/R	Trunk Adapter #53518 (Pg. 87)



# BELLS, CHIMES & STROBES



## Network Interface Alert

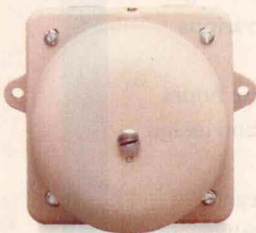
Small alert bell rings when the line rings.

- Install to the telephone line, at or before the Control Unit
  - Connector not required
  - Connects to SPIRIT Systems via the Auxillary Jack on the Control Unit
  - Includes Bridging Adapter, 25' cord, Installation Guide
- #61211A.....\$38**

## Extra Alert Deluxe Chime (not shown)

Soft chimes for a soothing and sophisticated sound.

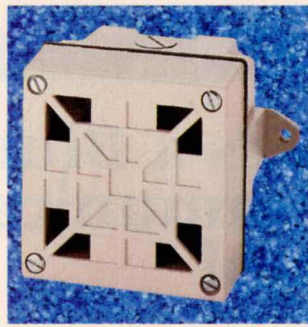
- Fully electronic
  - For indoor use only
  - 75-90 decibels
- #61222A.....\$150**



## Extra Alert Bell

For noisy or expansive areas.

- Indoor or outdoor
  - 90 decibels
  - Includes Installation Guide
- #61212A.....\$132**



## Extra Alert Horn

This horn is louder than the Extra Alert Bell for noisy or expansive areas.

- Indoor or outdoor
  - 100 decibels
  - Includes Installation Guide
- #61213A.....\$132**



## Extra Alert Switch

Activate your Extra Alert when and where you want.

- Simple on/off switch
  - Includes Installation Guide
- #61215A.....\$69**



## Extra Alert Strobe

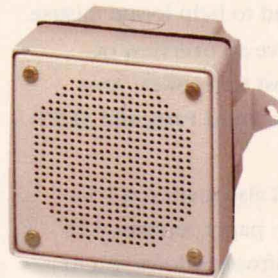
Light flashes, indicating calls.

- For indoor use only
  - Includes Installation Guide
- #61221A.....\$115**

## Extra Alert Lamp (not shown)

The perfect low-cost visual signal for general office areas.

- Connects directly to public telephone network for activation by interrupted ring voltages (90V, 20Hz)
- #61214A.....\$50**



## Extra Alert Deluxe Horn

For noisy or widespread areas.

- For outdoor use
  - 95-105 decibels
  - Includes Installation Guide
- #61223A.....\$201**

## CONNECTORS

### SPIRIT Alerter Interface

May be connected to the Alert Port on the SPIRIT Control Unit to provide signaling for telephone lines.

- When properly programmed, may signal for all incoming lines, a line for a particular department, or for night bells
  - Add up to 5 signaling devices from this page
  - See page 70 for schematic
- #60314A.....\$70**

### SPIRIT Alert Module

Connects telephone sets or telephone lines to auxiliary signaling devices (i.e. lamps and horns).

- Works with up to 3 signaling devices (except bells)
  - Works with up to 2 bells plus another type of signaling device
  - Can be placed in series with a SPIRIT Telephone to provide the same ringing characteristics of the associated telephone
  - See page 70 for schematic
- #60315A.....\$125**



### Supplemental Alert Adapter

Place this near the MERLIN System Telephone when you need a bell or horn.

- Works on incoming calls and intercom
  - Does not interfere with intercom
  - Extra Alert Device required at telephone location (see above)
- #2301-SSAA.....\$138**

## CHART FOR MATCHING CONNECTORS TO BELLS, CHIMES & STROBES

### YOUR SYSTEM:

### YOUR CONNECTOR:

MERLIN Systems 206, 410, 820

EXTRA/POWER FAILURE CARTRIDGE #6103-EAPA (Pg. 12) or SUPPLEMENTAL ALERT ADAPTER #2301-SSAA (Pg. 89)

MERLIN Plus and MERLIN II Systems

SUPPLEMENTAL ALERT ADAPTER #2301-SSAA (Pg. 89)

MERLIN System 1030/3070

SERVICES MODULE #61320A (Pg. 25), or SUPPLEMENTAL ALERT ADAPTER #2301-SSAA (Pg. 89)

SPIRIT Systems

SPIRIT Alerter Interface #60314A (Pg. 89), or SPIRIT Alert Module #60315A (Pg. 89)

CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST



## AT&T Offers a Blueprint for Telecommunications Cost-Control

What you don't know can cost you. For this reason, AT&T offers **AT&T DETAIL MANAGER** and **AT&T CALL MANAGER**, two services that diagram communications spending patterns. By pinpointing expenditures, **AT&T DETAIL MANAGER** and **AT&T CALL MANAGER** give you the power to develop a cost-effective plan for your communications spending. Never again will you wonder if your money's working for you, you'll know it is.

**AT&T DETAIL MANAGER** is a low-cost service that reports your international and domestic long distance calls. You choose the type and number of reports to fit your needs.

- **Detail Reports** monitor individual calling patterns by city, state and area code to identify geographic calling patterns and highlight heavy or unusual usage
- **Exception Reports** flag long calls, off-peak calls, and frequently called numbers to make charge-backs easier and to help locate misuse
- **Summary Reports** give an overview of network usage by: Cost Categories; Area Codes; Call Types (like Third Party and AT&T Card calls)

**AT&T DETAIL MANAGER** also gives you your choice of report formats: paper reports; 5.25" or 3.5" diskettes (special software allows you to create customized reports on your MS-DOS compatible PC); magnetic tape (reel or cartridge for storage on your host/mainframe). **AT&T DETAIL MANAGER** is available to businesses using nearly all AT&T network services: AT&T Long Distance, AT&T PRO<sup>SM</sup> WATS, AT&T WATS, AT&T MEGACOM<sup>®</sup> WATS. On inbound calls, the service will provide reports on AT&T 800 calls, 800 READYLINE<sup>®</sup> and MEGACOM 800 calls.

**AT&T CALL MANAGER** is a **FREE** Account Code service that tracks AT&T long distance calls. You simply organize call groups in the manner you find most convenient. Then you assign account codes to your call groups. **AT&T CALL MANAGER** will then sort and segment the monthly charges on your bill so that they conform to the account codes you supply, giving you comprehensive data on each call in each group. The end result transforms your telephone bill into a customized information tool.

- Keeps track of the communications costs involved in providing services to clients
- Helps determine client need by indicating the amount of phone time required by various accounts
- Clarifies where your employee phone hours are spent, helping you to schedule and assign personnel efficiently
- Provides complete information for each individual call within each of your call groups
- Monthly call activity summary
- No installation charge
- No monthly Fee
- No minimums

**AT&T CALL MANAGER** is available only to businesses using AT&T Long Distance and AT&T PRO WATS and is not yet available in all service areas.

AT&T  
DETAIL  
MANAGER SERVICE

1 800  
222-0400

EXT. 1315

AT&T  
CALL  
MANAGER SERVICE

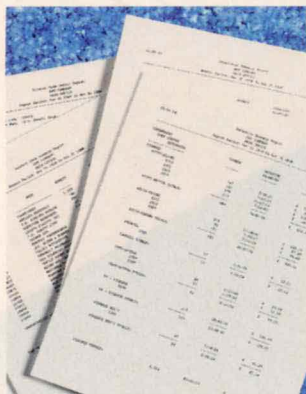
1 800  
222-0400

EXT. 1286



# CALL ACCOUNTING FOR EXPENSE CONTROL

## FOR BUSINESS



### MERLIN Plus Data Collector

Required to attach a Call Accounting Terminal or Call Accounting System to the MERLIN Plus System.

- Collects information from a MERLIN Plus System to produce Call Reports
  - Collects all information needed to produce System Administration Reports (for the entire system as well as individual phones)
  - Reports transmitted by printer for hard copy
- #61321A.....\$420**

### Call Accounting Terminal/Business (CAT/B)

Easy-to-use and economical, this self-contained Call Accounting System offers a complete range of reports.

- Requires a serial printer (see AT&T 572, page 20)
- Designed for maximum of 49 Central Office lines and 125 telephones
- Provides: All Extension Reports, One Extension Reports, All Account Number Reports, One Account Number Reports, Management Reports, Time of Day Reports, Cost Reports, Duration Reports, Trunk Reports and AreaCode/Exchange Reports
- *Allow 8 weeks for delivery because of customization*

**For SPIRIT 2448 System**  
**#3600-011A.....\$2,933**  
**For MERLIN II, MERLIN Plus\*, and MERLIN 1030/3070\*\* System**  
**#3600-012A.....\$2,760**  
**For AT&T System 25.**  
**#3600-013A.....\$2,760**

### Call Accounting System/Business (CAS/B) for MS-DOS

Easy-to-use, and perfect for heavy phone use.

- Generates, on demand:  
 Organization Reports  
 Selection Reports  
 Account Code Reports  
 Cost Summary Reports  
 Traffic Summary Reports
  - Designed to run on an AT&T MS-DOS PC
  - For use with: SPIRIT 2448 System, MERLIN II System, MERLIN Plus System\*, MERLIN 1030/3070 System\*\*, AT&T System 25
  - For 5.25" Disk Drives
  - *Allow 8 weeks for delivery because of customization*
- #1201-001A.....\$1,490**

## FOR THE HOSPITALITY INDUSTRY



### Call Accounting Terminal/Hospitality (CAT/H)

This easy-to-use and economical Call Accounting System produces reports for hotels, motels and inns.

- Requires a serial printer (see AT&T 572, page 20)
- Accommodates a maximum of 49 Central Office lines and 125 telephones
- Reports on: Profit/Loss, Time of Day Usage and Trunk Usage

- Allows for automatic room billing (with or without full telephone usage)
  - Allows for automatic room checkout
  - *Allow 8 weeks for delivery because of customization*
- For MERLIN II System**  
**#3600-021.....\$2,760**  
**For System 25**  
**#3600-022.....\$2,760**

### Call Accounting System/Hospitality (CAS/H) for MS-DOS

Easy-to-use, and perfect for heavy phone use in hotels, motels and inns.

- Generates Audit Reports, Selection Reports, Organization Reports, Traffic Summary Reports
- Designed to run on an AT&T MS-DOS PC like AT&T WGS
- For use with MERLIN II System, AT&T System 25 (with fewer than 100 stations)
- Consult your AT&T Account Executive on 1 800 247-7000 for compatibility with your system
- *Allow 3 weeks for delivery because of customization*

**For 5.25" Disk Drives**  
**#1201-020-19A..\$2,064**  
**For 3.5" Disk Drives**  
**#1201-020-14A..\$2,064**

### Customized Tariff Updates

*Allow 8 weeks for delivery because of customization.*

**CAS/H One-Time Update**  
**For 3.5" Disk Drives**  
**#12005.....\$575**  
**For 5.25" Disk Drives**  
**#12007.....\$575**  
**CAS/H Annual Update**  
**For 3.5" Disk Drives**  
**#12006.....\$1,144**  
**For 5.25" Disk Drives**  
**#12008.....\$1,144**

*\*MERLIN Plus requires the Data Collector (#61321A)  
 \*\*MERLIN 1030-3070 requires SMDR Card (#61352A, page 25) or the Feature Module 5 with SMDR (#6130-FM5A, page 25)*

CALL TOLL-FREE  
**1-800-451-2100**  
 MONDAY-FRIDAY 8AM-8PM EST





MUSIC-ON-HOLD BY MAGIC ON HOLD®

# A Powerful Marketing Tool for the 1990's

Imagine turning your phone system into a powerful advertising and marketing tool! You can with AT&T's Magic On Hold. This system is the perfect way to market your company's products and services to your callers

- Magic On Hold provides you with licensed music and customized messages that may include your personal selling messages, slogans, advertising themes and information that will inform waiting customers about your business
- Change your customized programs 4, 6 or 12 times a year with the assistance of our professional production staff
- Magic On Hold works with any phone system that has a Music-on-Hold feature
- All Magic On Hold programs include required music licensing fees for the usage of rebroadcast music\* on your telephone hold lines

**Note:**

*\*Users of equipment that rebroadcasts copyrighted music or material may be required to obtain a copyright license, and pay the license fees, from a third party such as ASCAP or BMI.*



**Customized Programming Options**

- 1 customized program  
#31284A.....\$180
- 4 customized programs per year  
■ Includes a duplicate tape shipped every 30 days for best sound quality  
#31280A.....\$840

- 6 customized programs per year
- Includes a duplicate tape shipped every 30 days for best sound quality  
#31281A.....\$1,110
- 12 customized programs per year  
#31282A .....\$1,900

**Magic On Hold System Deck**

Tape Deck includes generic Customer Service taped program.

- Complete with User's Guide  
#3128-010A.....\$349

**CONNECTORS THAT HOOK UP  
MAGIC ON HOLD**

**YOUR SYSTEM:**

MERLIN Systems 206, 410, 820

MERLIN Plus System

MERLIN System 1030/3070

MERLIN II System

SPIRIT Systems

**YOUR CONNECTOR:**

MUSIC-ON-HOLD/PAGING CARTRIDGE #6102-MHPA (Pg. 12)

MUSIC-ON-HOLD JACK (Built into Control Unit)

SERVICES MODULE #61320A (Pg. 25)

MUSIC COUPLER #61398A (Pg. 40)

MUSIC-ON-HOLD JACK (Built into Control Unit)



# ANSWERING MACHINES



## Model 1504 Answering System Telephone

- Announcement maximum of 2 minutes
- Incoming messages of up to 240 seconds
- LED Message Indicator
- Message Alert
- One-Touch Playback of messages
- Receiver and Ringer Volume Controls
- Call Intercept and reset from any extension
- Made in China
- Memo
- Mute/Redial
- 2-Way Recording

#10610X.....\$119.95



## Model 1330 Answering Machine

- Announcement maximum of 30 seconds
- Incoming messages of up to 5:59 minutes, or announcement only (no message time)
- Microchip quality recording
- Remote message retrieval
- Changeable Security Code
- Time and Day Notation
- Remote On/Off from Touch-Tone phones
- Auto Reset
- Made in China
- One-Touch Playback
- 2-Way Recording
- Toll Saver

#10422X.....\$159.95



## Model 1321 Answering Machine

- Announcement maximum of 2 minutes
- Incoming messages of up to 240 seconds, or announcement only (no message time)
- Priority Call Tone
- Message Alert
- Dual Cassette System
- Advanced Personal Memo
- Advanced Remote Access Capability
- Digital LED Message Counter Display
- Remote Change of Outgoing Message
- Made in China
- Announce Only
- Memo
- 2-Way Recording

#10611X.....\$119.95



## Model 1304 Answering Machine

- Announcement maximum of 2 minutes
- Incoming messages of up to 240 seconds
- Message Indicator
- One-Touch Playback of messages
- Call Intercept from any extension
- Remote Access from Touch-Tone phones
- Made in China and Taiwan
- Toll Saver
- Personal Memo

#10500X.....\$79.95



CALL TOLL-FREE

1-800-451-2100

MONDAY-FRIDAY 8AM-8PM EST





## THE WINNER'S CIRCLE



"Highest Quality FAX  
Machines"

In September of 1989, *Financial World Magazine* received over 3,000 responses to their survey entitled "The Best Of Everything." Respondents in the highest managerial categories of the magazine's readership were asked to name companies that provided the highest quality FAX machines. AT&T was one of the three highest ranked suppliers of FAX machines in 1989 and 1988. So when you are looking for quality and the latest technology, turn to a proven leader ...AT&T.

Our high quality FAX machines are featured in this section. For additional information, please call one of our Catalog Associates on 1 800 451-2100.

## Introducing the Exciting AT&T FAX Machines

Virtually everyone recognizes the value of being able to speed documents anywhere in the world. And AT&T has been actively involved in the refinement of that technology.

Our 9000 Series FAX machines (featured on pages 95 and 96) have more than FAX functions. They provide you with the kind of features you'd expect from your telephone. And all 9000 Series FAX machines are built to meet an uncompromising standard of quality.



COMPARISON CHART OF FAX  
MACHINES

MAJOR FEATURES	AT&T FAX MACHINES				
	Model 9015PF Page 95	Model 9025FX Page 96	Model 9035FX Page 96	Model 4515D Page 97	Model 4525D Page 97
Automatic Document Feed	5 sheets	30 sheets	30 sheets	10 sheets	10 sheets
Automatic Paper Cutter	—	Yes	Yes	Yes	Yes
Automatic Redial	10x	2x	2x	—	2x
Built-in Handset	Yes	Yes	Yes	**	Yes
CCITT Group Compatibility	3	1,2,3	1,2,3	1,2,3	1,2,3
Contrast Control	Yes	Yes	Yes	Yes	Yes
Detail Resolution	196x203	196x203	196x203	196x203	196x203
Diagnostics (self & remote)	Yes	Yes	Yes	Yes	Yes
Error Correction Mode	—	Yes	Yes	Yes	Yes
Halftones (Shades of gray)	8	.64	64	64	64
Quick Dial Codes (1-Touch)	12	28	28	—	24
Speed Dial Codes (2-Touch)	50	90	90	—	90
Standard Resolution	98x203	98x203	98x203	98x203	98x203
Transmission Speed (Max)*	20 Sec.	15 Sec.	15 Sec.	15 Sec.	15 Sec.

\*Standard 8 1/2" x 11" CCITT Test Chart #1

\*\*AT&T Trimline Telephone



# FAX MACHINES



## 9015PF Transportable FAX Machine

This 2-line, transportable, integrated personal FAX and telephone unit allows you to talk on one line while sending or receiving FAXes on the other.

- Easy-to-use: clear, concise user-friendly display prompts, visual indicators, warning signals
- Automatic Document Feed—up to 5 pages, an unusual personal FAX feature
- 8 halftone shades of gray for improved graphics
- Polling Function—requests FAXes from remote source
- Auto Redial—10 times for busy FAX numbers
- Conferencing: connects 2 lines from different locations
- Music-on-Hold\*—eliminates “dead air” when caller is put on hold

- Speakerphone—Hands-Free operating convenience
  - Line Status Indicators—visual check of incoming calls
  - Detail Resolution—produces sharp, clear images
  - Copier Function—verifies quality and copies documents
  - 20-second per page transmission minimizes toll charges
  - Carrying case available
  - 14.4" W × 10" D × 4.6" H
- #3504-901 .....\$1,595**  
**Sourcebook**  
**Price.....\$1,195**

\* See Music-on-Hold note on page 92.

### Need More Paper?

*If you've ever run out of FAX paper, you know what an inconvenience it can be. By subscribing to our FAX paper delivery service you can add flexibility to your purchasing and guard against future disruptions of business. Delivery schedules are determined by you at regular intervals: monthly, every two months, etc. And there's no obligation. You may cancel your order at any time. To arrange for this service, simply call an AT&T Catalog Associate on 1 800 451-2100.*



## 9015PF 30P FAX Paper

12 rolls of 8 1/2" × 98.4' thermal paper

- Fits 9015PF Transportable/FAX

**#35006 .....\$78**



## AT&T Personal FAX Carrying Case

The most convenient, safest way to transport your 9015PF Transportable FAX.

- Made of tough, dark blue nylon
  - Padded for extra protection
  - Side pocket for papers
  - Detachable shoulder strap
- #35004 .....\$89.95**

## GLOSSARY:

- **Auto-Dialer:** memory of programmed voice and FAX numbers, usually accessible at the push of one or two buttons
- **Auto-Document Feed (ADF):** Slides papers to be FAXed into the machine—eliminates hand-feeding sheets one at a time
- **Auto-Redial:** FAX numbers are redialed automatically when busy or unanswered
- **Copy Function:** copier capability to reproduce documents for testing transmission quality
- **ECM:** Error Correction Mode—to pre-correct signals so transmitted documents “arrive” completely readable
- **Halftone:** ability to read shades of gray to enhance transmission of photographs
- **Detail Resolution:** setting that scans the fine details of a document extra carefully, so as to produce sharp, clear images
- **Polling Reception:** allows you to call a remote FAX and retrieve a document from its feeder. Polling Transmission lets other FAX machines retrieve from your FAX
- **RTI:** Remote Terminal Identification—displays the name or code of your machine to the remote FAX
- **TCR:** Transaction Confirmation Report: gives status of the FAX transmission
- **TTI:** Transmitter Terminal Identification—your alphanumeric name or code that identifies you as the sender

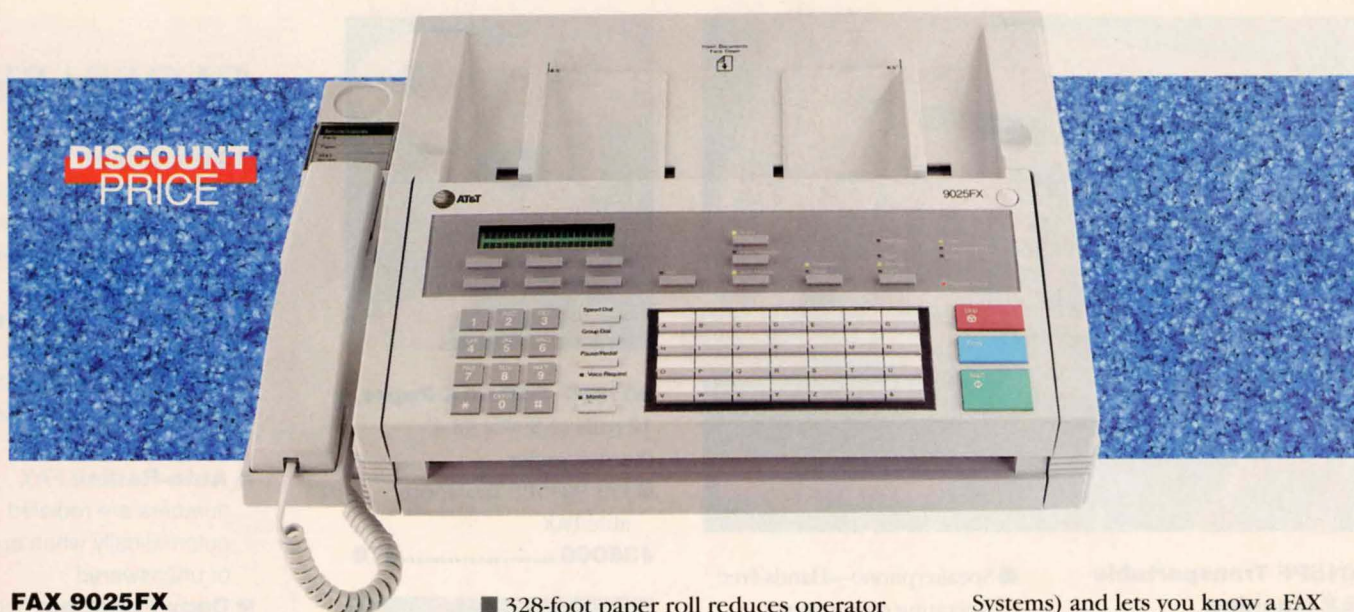
CALL TOLL-FREE  
**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





# FAX MACHINES



## FAX 9025FX

Combines a host of FAX convenience features with communications and cost-control functions into an exceptional value package. It's ease of use and special administrative mode make it an ideal business FAX.

- 30 Page Automatic Document Feeder: for less paper handling
- 118-Number Auto Dial Numbers
- 10 Keystroke Programs let you store customized FAX transmissions

- 328-foot paper roll reduces operator handling time
- Polling: retrieves data from 253 destinations during off-peak hours
- Scanning width of 11.8" with Auto Reduction to allow transmission of over-sized documents
- ECM: Error Correction Mode reduces disconnects due to data loss
- Unique Notify capability calls you or activates a message light (MERLIN

Systems) and lets you know a FAX has arrived

- Restrictions of outgoing voice and FAX calls for complete cost-control
- Voice and FAX Call Detail Reporting for cost accounting and billing
- Administrative and Programming Modes with easy-to-follow user prompts

**#3502-HFX .....\$2,895**  
**Sourcebook Price .....\$2,315**



## Paper for FAX 9025FX & FAX 9035FX

6 rolls of quality tested 8 1/2" x 328' thermal paper, per carton.

**#35005 .....\$98**

1-800-451-2100 8am-8pm EST

### PAYMENT OPTIONS

CHARGE CARD: 1 AMEX, VISA, AT&T  
 MASTERCARD, OR PRODUCT PLUS CARD

AT&T CREDIT 2 CORPORATION  
 LEASE ADD-ON

INVOICE 3 BILL ME



## FAX 9035FX

With all of the advanced features of the 9025FX, PLUS:

- 57-page Memory: lets you broadcast to 253 unique destinations, unattended, at times when telephone rates are lowest, and stores incoming pages if paper supply runs out

- Confidential Reception: with a Special Password Override Code for extra security

- No Erase Memory and File Retransmit: saves documents automatically for 72 hours for quick resending should initial transmissions fail

**#3503-SFX .....\$3,695**  
**Sourcebook Price .....\$2,955**



# FAX MACHINES

**DISCOUNT  
PRICE**



## FAX 4515D

A sturdy, user-friendly unit with precise, clear prompts, visual indicators and warning signals. Designed for efficient, economical FAX communication, with many of the features of more costly FAX machines.

- Full Scanning Width—8 1/2"—handles standard and legal-size originals
- 64 Halftone Capability: for transmission of photographic or illustrated documents
- Automatic Document Feed: handles up to 10 pages
- Auto/Manual Reception: your choice—unattended or attended use
- Confidential Transmission: transmit to the memory of a compatible receiving terminal
- Error Correction Mode: reduces disconnects and data losses
- Paper Cutter: automatically cuts received documents to the length of the original
- Polling: Turnaround Polling allows you to transmit and receive documents during the same phone call
- Large 164-foot thermal

paper roll reduces lost FAX transmissions

- Fast—15-second per page transmission saves phone toll charges
- Complete with an AT&T TRIMLINE® 230 Telephone with 12-number Speed Dial Memory

**#3517-DFX .....\$1,995**

**Sourcebook**

**Price.....\$1,595**



## Paper for FAX 4515D/4525D/3500D/3520D

6 rolls of 8.5" x 164' thermal paper per carton

**#35001.....\$68**

CALL TOLL-FREE  
**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST



**DISCOUNT  
PRICE**



## FAX 4525D

Same capacity as the FAX 4515D, but more feature rich for more sophisticated FAXing needs.

The perfect machine for medium-volume FAX users who appreciate convenience and ease-of-use. All the features of the 4515D, PLUS:

- Delayed Polling: automatically collects documents from up to 255 locations. Can be done during off-peak hours, when telephone rates are lowest
- Auto-Dial: with a 114-number memory

- Auto-Retial: for busy numbers
  - Stored Keystroke Program to reduce transmission setup time
  - Send Later: offers unattended transmission during off-peak long distance hours as an economical option
  - Management Reports: allows you to better control all aspects of your FAX communications
  - Built-In Telephone
- #3516-DFX.....\$2,295**
- Sourcebook**
- Price.....\$1,835**

## Need More Paper?

*If you've ever run out of FAX paper, you know what an inconvenience it can be. By subscribing to our FAX paper delivery service you can add flexibility to your purchasing and guard against future disruptions of business. Delivery schedules are determined by you at regular intervals: monthly, every two months, etc. And there's no obligation. You may cancel your order at any time. To arrange for this service, simply call an AT&T Catalog Associate on 1 800 451-2100.*



# FAX MACHINES



**GREAT  
VALUE**

## FAX 3500D

Compact and fully featured, this FAX is as easy to use as it is fast.

- 15-second per page transmission speed
- Automatic Document Feed: reduces your paper handling time
- Modulation and Smoothing Functions: for clean transmission of small letters and fine lines
- Copy Function: low-volume copying and transmission document preview
- Voice Request: talk before, during and after transmission without redialing
- Turnaround Polling: receive and send on the same phone call
- TCR: printouts of traffic for every 25 transactions

- Error Reports: informs you immediately of any transmission problems
- Complete with a free AT&T Memory 465 Telephone
- Includes User's Guide
- #3514-DFX .....\$2,195**
- Sourcebook**
- Price .....\$1,095**
- While inventory lasts.*

1-800-451-2100 8am-8pm EST

### PAYMENT OPTIONS

CHARGE CARD: MASTERCARD, OR	1	AMEX, VISA, AT&T PRODUCT PLUS CARD
AT&T CREDIT LEASE	2	CORPORATION ADD-ON
INVOICE	3	BILL ME



**GREAT  
VALUE**

## FAX 3520D

A sophisticated FAX at a money-saving price, this unit offers many convenient, cost-saving features, including:

- 1-touch/2-touch dialing of 115 numbers
- Auto Redial
- Built-in 16-second answering machine message
- Matrix of multiple shades of gray provides crisp, clear image quality
- Modulation and Smoothing functions prevent distortion of details
- 3 Contrast Levels and Resolution Settings for better transmission quality
- 15-second per page transmission speed

- Poll/Transmit Later: so you can program automatic operation during the least expensive long distance hours
- 10-Sheet Automatic Document Feeder
- Group Programming: poll up to 280 sites in 7 groups
- Automatic Redial
- Turnaround Polling: additional cost-efficiency
- Maintains and prints all the same reports as 3500D, plus more
- Features a built-in Paper Cutter and Handset
- No external phone required
- #3515-ADX .....\$2,395**
- Sourcebook**
- Price .....\$1,350**
- While inventory lasts.*

### COMPATIBILITY CHART OF FAX MACHINES AND FAX PAPER

FAX MODEL	ITEM # FOR PAPER	PAPER DESCRIPTION	PAPER PRICE
<b>3500D/3520D</b>	#35001	6 ROLLS OF 8.5" x 164'	\$68
<b>4515D/4525D</b>	#35001	6 ROLLS OF 8.5" x 164'	\$63
<b>3410D</b>	#35003	12 ROLLS OF 8.5" x 98.4'	\$78
<b>9015PF</b>	#35006	12 ROLLS OF 8.5" x 98.4'	\$78
<b>9025FX/9035FX</b>	#35005	6 ROLLS OF 8.5" x 328'	\$98
<b>3510D/3530D</b>	#35000	6 ROLLS OF 8.5" x 328'	\$100



## VERSA-LINK



### Versa-Link ATX-300 Computerized Call Processor

An automatic telephone exchange in a package smaller than any breadbox. The Versa-Link Computerized Call Processor will save you time and money the moment you install it.

- Eliminates the need for dedicated lines for up to 3 lower usage FAX, data and voice devices
- Works with FAX, data and voice transmissions
- Automatically recognizes and routes all incoming calls
- Operational immediately
- Works on single or dual line systems, multiline key\*, PBX Systems and home phones

- Compatible with Touch-Tone or Rotary phones
- Programmable security code and manual override
- Built-in lightning surge protector
- Must be wired before your Control Unit
- *Customer installation only*

**#50109H.....\$349.95**

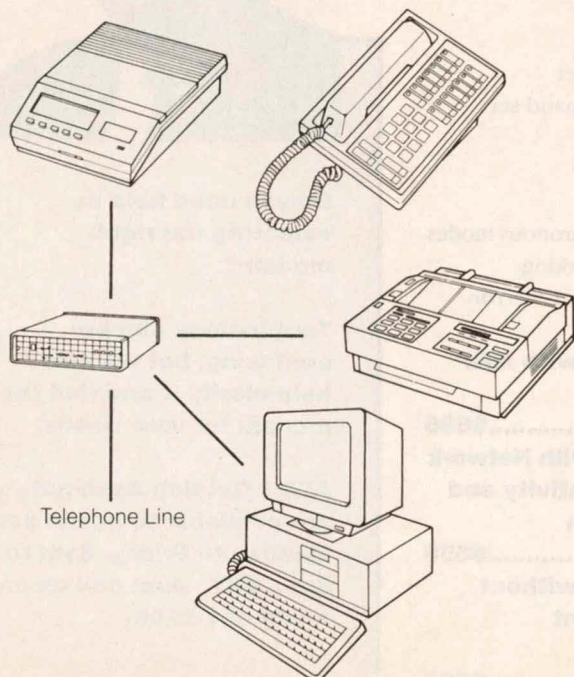
*\*May require additional professionally installed wiring*

### 1-800-451-2100 8am-8pm EST PAYMENT OPTIONS

CHARGE CARD: 1 AMEX VISA AT&T  
MASTERCARD, OR PRODUCT PLUS CARD

AT&T CREDIT 2 CORPORATION  
LEASE ADD-ON

INVOICE 3 BILL ME



## FAX ACCESSORIES FURNITURE



### Keep your FAX material organized with this attractive table.

Finished in beautiful colonial oak laminates, this handsome table has been designed by O'Sullivan to hold FAX machines or tabletop copiers. Automatic paper feed slot allows FAX messages to hide discreetly.

Front panel pulls down to provide easy access to FAXes. Underneath, a large storage area with a door provides ample space for supplies. Assembly required. Dimensions: 33 1/4" W X 19 3/4" D X 63 1/4" H.

### O'Sullivan FAX/Copier Table

**#50018H.....\$79.95**



### Worcester FAX Stand with Output Tray

Designed to accommodate tabletop FAX machines, this ingenious work of telecommunications ergonomics organizes while it saves space.

- Angled top shelf supports FAX machine
- Middle shelf and tabletop below provide storage for cover sheets, additional paper, manuals and other supplies

- Detachable output tray, located at front of stand, catches both incoming and outgoing FAXes
- Open wire design dissipates heat preventing damaging heat build-up
- Constructed of durable nickel chrome-plated wire

**#10618X.....\$29.95**

CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST





## MODEMS

# A Total Solution for Data Communication Requirements

Data communications is and will continue to be the most rapidly growing segment of the communications field. The need to move information from one point to another efficiently, accurately, and in a timely manner is no longer a luxury in business—it is a necessity. Managers are finding that just “keeping up” is no longer good enough. Today's leading-edge managers are looking for products and methods that will allow them to stay a step ahead. To achieve this goal, these managers are looking at data communications equipment as an investment in the future of their businesses. These investments, as with any good business investment, must provide the greatest possible return in the shortest amount of time and require little ongoing attention.

Based on the above criteria, most data processing operations managers are looking for ways to increase productivity by reducing down time, decreasing data system overhead, increasing mean time between failures and reducing floor space requirements. A combination of these items results in a better investment for their businesses. The data communications equipment featured here provides these benefits, plus others, to the manager who is in tune with the future.

### DM 224-A10\*

An inexpensive full-duplex, asynchronous or synchronous binary serial data transmission modem with error correction.

- Full-Duplex Data Transmission via the PSTN or 2-wire leased line
- Supports speeds from 2400 bps to 1200 bps (synchronous), 2400, 1200, 300 bps (asynchronous)
- Compatibility: CCITT V22, or Bell 212A, 103.
- “AT” Command Set Compatibility
- MNP Class 5 Error Correction

#DM224-A10 .....\$545



### Model 2224 Modem

The ideal dial-up modem for business use, with DATAPHONE II System adaptability and growth potential.

- High-speed error-free transmission (up to 2400 bps)
- Compatible with V.22 bis, Bell V.22, Bell 212
- Built-in diagnostics
- 19-number Auto-Dial
- Hayes “AT” command set
- AT&T AUTOCALL command set
- List dial on busy signal
- Automatic answering
- Full duplex operation
- Synchronous and asynchronous modes
- Uses Microcom<sup>®</sup> Networking Protocol (MNP)<sup>®</sup>, a class 1-5 error-control protocol

### Stand-alone Modem with MNP Error Correction

#2224-CEO .....\$695

### Multi-mount Modem with Network Management Connectivity and MNP Error Correction

#2224-GED .....\$650

### Multi-mount Modem without Network Management Connectivity

#2224-GNN .....\$525

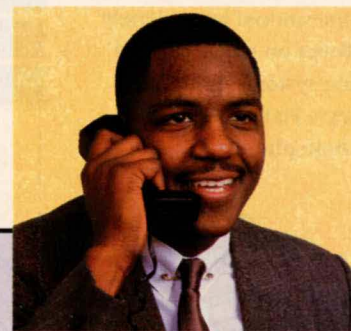


### Model 4024 Modem

The flexibility of either synchronous or asynchronous transmission in an economical, easy-to-use modem.

- Full- or half-duplex transmission
- AT&T AUTOCALL command set for use with data terminals
- Hayes “AT” command set for use with most PC software
- Complete with User's Guide

#2224-CDO .....\$475



**Do you need help in selecting the right modem?**

Terminology can be confusing, but we can help clarify it and find the modem for your needs.

AT&T Catalog Associates are available to assist you Monday to Friday, 8am to 8pm, EST. Just call us on 1 800 451-2100.

1-800-451-2100 8am-8pm EST

### PAYMENT OPTIONS

CHARGE CARD: 1 AMEX, VISA, AT&T  
MASTERCARD, OR PRODUCT PLUS CARD

AT&T CREDIT 2 CORPORATION  
LEASE ADD-ON

INVOICE 3 BILL ME



# MODEMS



## DM 424-A10\*

This full-range, low-cost versatile modem allows communication with modems complying to a variety of standards.

- Supports speeds of 9600 to 1200 bps
- Full-duplex data transmission over the PSTN and 2-wire leased lines
- Compatibility: CCITT V.32 at 9.6 or 4.8 Kbps, with or without Trellis Coding, V.22, V.22 bis, and Bell 212
- MNP Class 5 Error Correction
- Speed Conversion
- Built-In Security
- Hayes' "AT" Command Set Compatibility
- Non-volatile Memory
- Asynchronous: 19.2, 9.6, 4.8, 2.4, 1.2 Kbps
- Synchronous: 9.6, 4.8, 2.4, 1.2 Kbps

#DM424-A10 .....\$995



## LL 733-A10\*

Superior performance at high speeds through the use of Trellis Coded Modulation

- 19,200 bps to 9600 bps Full or Half duplex synchronous operation
- Compatibility: CCITT V.33 at 14,400 bps and 12,000 bps
- Trellis Coded transparent forward error correction
- 32-character LCD

#LL733-A10 .....\$3,595

\*Please allow 2-4 weeks for delivery



## DL 424-A10\*

A full featured, full-function modem that offers remote configuration and provides automatic leased line to dial line restoral.

- Supports speeds of 9600 to 1200 bps
- Full-duplex data transmission over PSTN and 2-wire/4-wire leased lines
- Smart front panel with LCD display
- Compatibility: CCITT V.32 at 9.6 or 4.8 Kbps, with or without Trellis Coding, V.22, V.22 bis and Bell 212
- MNP Class 5 Error Correction
- Automatic Leased/Dial/Leased Line Conversion
- Speed Conversion
- Built-In Security
- MI/MIC Features
- Asynchronous: 19.2, 9.6, 4.8, 2.4, 1.2 Kbps
- Synchronous: 9.6, 4.8, 2.4, 1.2 Kbps

#DL424-A10.....\$1,795



## Modem Sharing Device MSD-8\*

A convenient, economical, stand-alone unit that allows immediate expansion of a system without additional computer ports or data lines.

- Reduces the need for additional telephone and modem links
- Allows up to eight polled asynchronous or synchronous devices to contend with one asynchronous or synchronous modem link
- Operates at data rates up to 19,200 bps

■ Equivalent to ARK's earlier PRS-8  
#SD 004-A60.....\$695



## Model 2296 Modem

A quick, versatile, cost-effective alternative to dedicated private lines, this modem offers the flexibility to customize the most efficient data communications network, for a wide variety of applications.

- Runs at true full-duplex high speed
- Synchronous or asynchronous
- Transmits at 9600 bps with fallback speed of 4800 bps
- Conforms to CCITT V.32
- Can also operate over 4-wire private-line networks (2296A only)
- Can offer Auto Dial backup (2296A only, when equipped with AUTOCALL)
- Works in stand-alone housing or multiple data mounting
- Compatible with DATAPHONE® II network control equipment (when multiple-data mounted and equipped with 48/96 SDU)
- Provides automatic dialing and answering
- Includes User's Guide

## Multi-Mount Modem

#2296-AAA .....\$1,850

## Multi-Mount Modem with ASCII Dialer

#2296-AD2.....\$2,150

## Multi-Mount Modem with ASCII Dialer and MNP Error Correction

#2296-ADM.....\$2,350

## Stand-Alone Modem

#2296-BAA .....\$1,995

## Stand-Alone Modem with ASCII Dialer and MNP Error Correction

#2296-BDM.....\$2,495

CALL TOLL-FREE

1-800-451-2100

MONDAY-FRIDAY 8AM-8PM EST



# MODEMS

## ENTRE NETWORK MANAGER\*

A complete network management system in a software package for IBM PC's or compatible for unattended monitoring of the network—all on a 5 1/4" diskette.

- Designed for use by non-technical operator. Experienced field service personnel are not needed to operate this system
- Automatic Polling
- HELP Screens are all spelled out in easy-to-understand language that can be used to aid the operator in troubleshooting network problems

- Modem soft strapping, plus downloadable modem firmware allows the central site operator to configure modems at remote sites. This eliminates the need for experienced personnel to achieve complicated modem reconfigurations in the field.
- Allows monitoring of phone line parameters and comparison with predetermined acceptance criteria. Bit error rate test performs on end-to-end test of the phone lines between master and slave modems.
- Utility to convert data files to dBase III format

- Non-disruptive analog line measurements. Network monitoring occurs continuously at every network location using an out-of-band, non-interfering, diagnostic side channel. In the Autoscan mode, every network alarm is displayed on the operator's console and can also be printed for a hard copy record.

- Supports a full range of modem speeds (2.4, 4.8, 9.6, 14.4, 16.8, and 19.2 Kbps)

#5508-001 .....\$1,070

### ENTRE Adapter Cables Female/Female

#5508-100 .....\$50

### Male/Female

#5508-101 .....\$50

## 3400 SERIES



### 3400 Series Modems\* (Stand-alone)

The 3400 Series of network diagnostic leased-line modems is designed to provide users with an open-ended modular approach to dynamic telecommunication requirements. This provides total network configuration flexibility through an extensive array of features, options and building blocks for future enhancements.

### Standard features include the following:

- User-friendly Diagnostic Control Panel(DCP) with menu-driven display and key pad
- DCP Autoscan providing end-to-end monitoring and alarm notification
- Local and remote modem control
- Data rate upgradeability via plug-in Personality Modules
- Support extended options such as integral multiplexing, dial restoral, asynchronous interface capabilities, and digital upgrade to DSU/CSU

### 3420-A1-110

- 2400 to 1200 BPS full or half duplex synchronous operation
- Point-to-point and multipoint configuration
- Compatibility: CCITT V.26

#3420A1-110.....\$1,550

### 3430-A1-110

- 4800 to 2400 BPS full or half duplex synchronous operation
- Point-to-point and multipoint configuration
- Compatibility: CCITT V.27

#3430A1-110.....\$2,200

### 3440-A1-110

- 9600 to 2400 BPS full or half duplex synchronous operation
- Point-to-point and multipoint configuration
- Compatibility: CCITT V.29

#3460A1-110.....\$3,150

### 3460-A1-110

- 14,400 to 2400 BPS full or half duplex synchronous operation
- Point-to-point configuration
- Channel Adaptive Trellis Coded Modulation
- Automatic Adaptive Rate Control
- Compatibility: CCITT V.33

#3460A1-110.....\$4,150

### 3480-A1-110

- 19.2 to 2.4 KBPS full or half duplex synchronous operation
- Point-to-point configuration
- Channel Adaptive Trellis Coded Modulation
- Automatic Adaptive Rate Control
- Compatibility: CCITT V.33 at 14,400 and 12,000 BPS

#3480A1-110.....\$6,300

**NOTE:** 3400 Series Modems are line signal compatible with other 3400 Series Modems at equivalent data rate and configuration and are diagnostically compatible with ENTRE Network Manager and ANALYSIS Network Management Systems.

1-800-451-2100 8am-8pm EST

### PAYMENT OPTIONS

CHARGE CARD:	1	AMEX, VISA, AT&T MASTERCARD, OR PRODUCT PLUS CARD
AT&T CREDIT LEASE	2	CORPORATION ADD-ON
INVOICE	3	BILL ME





## 3056 DDS-SC\*

Easily installed, this Basic Service Unit permits Data Terminal Equipment to communicate over DDS transmission facilities.

- Synchronous terminal data rates of 2.4, 4.8, 9.6, and 56.0 Kbps
- Serial synchronous protocol-independent binary data in full or half-duplex operation
- Compatible with ANALYSIS Network Management System
- Intelligent soft front panel
- LCD Display
- RS-232C and V.35 interfaces
- Multipoint RDL capability standard

#3056 DDS-SC .....\$1,150

## 2500 Series Data Service Units

Provide cost-effective means to interface your terminal equipment to DDS transmission facilities

- Provide timing control and data interface leads to connection with user data terminals
- Accept serial, unipolar data from user equipment
- Transmit base band, bipolar signals over local channel to the serving central office
- Can function as an LDM at rates up to 9.6 Kbps or 56 Kbps
- Remote and digital loopbacks with built-in test pattern generator

### 56 Kbps Stand Alone

#2225-56B .....\$950

### 9.6 Kbps Stand Alone

#2225-96B .....\$850

## 48/96 Shared Diagnostic Unit

Brings together the monitoring, diagnostics, test and command features of all of your switched network's DATAPHONE II 2296A and 2248A modems into a DATAPHONE II Network Diagnostic System (NDS) control center.

- Can simply be added as another address anywhere in your system (requires DATAPHONE II Network Diagnostic System)
- Continually monitors modems in multiple mounting for health and status NDS reporting
- Maintains call-fault statics for Level IV fault reporting

#22962.....\$625

## 24A Shared Diagnostic Unit

Centralizes control and management of the DATAPHONE II 2224-GED modems

- Helps switched network users receive the benefits of the DATAPHONE II Network Management System
- Provides a set of text and command functions compatible with the network management for each 2224-GED interfacing with it
- Continually monitors modems in multiple mounting for health and status network diagnostic fault reporting
- Maintains call-fault statistics for LEVEL IV fault reporting

#22249.....\$525

## RECONDITIONED MODEMS

Reconditioned modems are less expensive than new modems, but carry the same 1-year warranty. Uniform in size, up to 8 modems can be used in a multiple mounting.

### 2048A Modem

9600 bps DATAPHONE II synchronous modem

- Provides 4-wire, full-duplex Analog private line service on point to point or multi-point circuits
- Automatic isolation and display of modem faults
- Requires Stand-alone (#22631P) or Multiple Mounting (#22642)

#2201-96AP .....\$2,000

### Stand-Alone Mounting

- For individual DATAPHONE II Modems when used alone

#22631P .....\$200

### Multiple Mounting

- For up to 8 modems at a common place

#22642.....\$2,630

### RS-232 Cables

- Required to connect data terminals and PCs to a variety of modems

#### RS-232 Cable 5 Foot

#2721-28E .....\$35

#### RS-232 Cable 9 Foot

#2721-28J.....\$40

#### RS-232 Cable 25 Foot

#2721-28S .....\$55

1-800-451-2100 8am-8pm EST

### PAYMENT OPTIONS

CHARGE CARD	1	AMEX, VISA, AT&T
MASTERCARD OR		PRODUCT PLUS CARD
AT&T CREDIT LEASE	2	CORPORATION ADD ON
INVOICE	3	BILL ME

CALL TOLL-FREE

1-800-451-2100

MONDAY-FRIDAY 8AM-8PM EST



\*Please allow 2-4 weeks for delivery



# PHONES FOR YOUR HOME OR OFFICE-AT-HOME

## SYSTEM 2000 TELEPHONES



Enjoy the advantages of a sophisticated business phone system right in your own home—with no additional wiring.

- Ties together your home and your office with a custom-designed, full-featured, 2 line service at every home phone
- Provides the benefits of a business phone system with just one "Master" System 2000 telephone and up to 5 "Extension" System 2000 telephones
- Intercom with 2-Way Paging—distribute calls to other extensions without leaving your desk
- 2-Way Speakerphone—Hands-Free convenience
- 3-Way Conference Calling—talk on both lines, or on either line and intercom, simultaneously
- Memory Dialing—15 of your most often-called numbers are stored in a digital memory
- Hands-Free Answer on Intercom—you don't have to touch your phone to respond to intercom calls
- Line-in-use Indicator—a light that reduces accidental interruptions

- Privacy—allows you to prevent listening in on specific calls
- Every System 2000 telephone can be a table or wall model
- Every System 2000 telephone is easily movable
- Includes Touch-Tone or Dial-Pulse switch
- Allows continuation of calling services such as Call Waiting, Conference Calling, etc.
- Made in Singapore

**AT&T System 2000 Master Telephone**  
#10382X .....\$219.95

**AT&T System 2000 Extension Telephone**  
#10383X .....\$179.95

**NOTE:** All phones are FCC registered

## SPECIALTY TELEPHONES



### Big Button Telephone

- Oversized numbers and buttons for easy-to-read, easy-to-use convenience and fast, accurate dialing
- Last Number Redial
- Ringer Volume Control
- Touch-Tone/Rotary dialing
- Table/wall convertible
- Made in Taiwan

**Gray and White**  
#10271X .....\$59.95



### TRIMLINE® Memory Telephone 230

- Remembers 9 numbers for frequently dialed calls
- One-Touch dialing of 3 numbers
- Lighted Dial buttons
- Receiver and Ringer Volume Controls
- Last Number Redial
- Flash Feature for custom calling
- Mute for privacy
- Touch-Tone/Rotary dialing
- Table/wall convertible
- Made in China and Singapore

**Ivory**  
#10145X .....\$59.95



### Memory Telephone 530

- Speed Dialing for 9 numbers
- 3 Instant-Access Emergency Numbers
- Hold Feature with Remote Release
- Line Status Indicator
- Last Number Redial
- Receiver and Ringer Volume Controls
- Flash Feature for custom calling
- Lighted Dial Buttons
- Touch-Tone/Rotary dialing
- Table/wall convertible
- Made in Singapore

**International Gray**  
#10352X .....\$69.95

### Memory Telephone 610

- One-Touch Dialing of 16 numbers
- Hold with Remote Release
- Receiver and Ringer Volume Controls
- Last Number Redial
- Flash for Custom Calling
- Programmable Pause
- Touch-Tone/Rotary dialing
- Table/wall convertible
- Made in China

**Misty Cream**  
#10616X .....\$59.95

1-800-451-2100 8am-8pm EST  
**PAYMENT OPTIONS**

CHARGE CARD:	1	AMEX, VISA, AT&T
MASTERCARD, OR	PRODUCT PLUS CARD	
AT&T CREDIT LEASE	2	CORPORATION ADD-ON
INVOICE	3	BILL ME



# AT&T PRIVATE PAY PHONE *PLUS*



## **SENTRY™ 22 Enclosure and Backboard**

Mount your pay phone on a solid wall (ie. brick, cement, etc.) indoors or outdoors with this durable extruded aluminum enclosure.

- Maximum security
  - Low maintenance
  - 14 1/2" W x 9" D x 31" H
  - Pay Phone *Plus* purchased separately
- #31086.....\$558**

## **SENTRY 22 Enclosure and Universal Post**

- Free-standing pay phone mounting (ie. for sidewalks or parking lots)
- 14 1/2" W x 9" D x 31" H
- Pay Phone *Plus* purchased separately

### **Clear "Phone" Graphics**

**#31080.....\$767.25**

### **Red "Phone" Graphics**

**#31081.....\$801**

## **SENTRY II Universal Post with Light Control**

- Free-standing with Light Control
  - Built-in circuit breaker
  - Maximum security
  - Pay Phone *Plus* purchased separately
- #31114.....\$596.25**



## **AT&T Private Pay Phone *Plus* Mini Shelf**

An attractive, compact indoor shelf.

- Scratch-resistant oak or walnut melamine laminate finish
  - Shipped fully assembled
  - 17 1/2" W x 11.9" D x 26.6" H
  - Pay Phone *Plus* purchased separately
- #31094.....\$83.25**

## **Upgrade Kit**

All the benefits and features of the AT&T Private Pay Phone *Plus* without investing in a new phone.

- 3 circuit boards
  - Loud Button assembly
  - Cash box sensor
  - Easy-to-follow conversion manual
- #31074.....\$450**

## **Adapter Kit**

A connector box that protects your pay phone from unauthorized line use, power loss and vandalism. Economical.

- Use with Mini Shelf enclosure only
- #31097.....\$66.83**

**NOTE:** Legal restrictions prevent the sale of Private Pay Telephones to customers in Alaska, Arkansas, Connecticut, Hawaii, and Oklahoma. Payphone line is provided by the local telephone company. Delivery on AT&T Pay Phone *Plus* and related items will be scheduled at time of order.

**Earn a Profit  
from 2 Square  
Feet of Wall  
Space**

**Having a pay phone in your establishment is a profitable way to better serve your customers and employees.**

- Every call is money in your pocket
- People who might not have come into your establishment will come in to use the pay phone
- Lines that might have been tied up with personal calls will now be free
- Durable AT&T product with low maintenance

**For added protection and convenience, add a Mini Shelf. Also, a second coin box allows you to keep your pay phone in continuous operation. We strongly recommend you take advantage of AT&T's Rate Information Service. Available every month or every other month, this low-cost service updates the telephone rate information contained in the phone's internal memory to ensure you get all the money due you. The best part is it's all done electronically from our offices.**

CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST







Price: \$2.00  
DC-004

AT&T SOURCEBOOK  
CENTENNIAL PLAZA #3  
895 CENTRAL AVENUE, 9th FLOOR  
CINCINNATI, OHIO 45202

Bulk Rate  
U.S. Postage  
**PAID**  
AT&T

1	AT&T Acct. No.:
2	Order Key: 8MR8
3	Technician Referral I.D.:

\*\*\*\*\* 5-DIGIT 78731  
004638-18 083519: 020196

## THE MERLIN CORDLESS TELEPHONE:

*The First Multi-Line Cordless Phone  
Designed Exclusively For Business Systems!*

### MERLIN® Cordless Telephone

The revolutionary MERLIN Cordless Phone breaks the corded-telephone barriers. Receive or make calls just as you would on your regular MERLIN Telephone, with the same sound quality! Take those important calls in the office or shipping area, warehouse, or shop floor.

- Fully integrated with your MERLIN System or System 25
- 5-Buttons for outside lines, intercom, and programmable features
- Specially engineered to reduce background noise and interference in the business environment
- Connects to your MERLIN System or System 25 without special equipment or adapters
- 5-Buttons for four outside lines and one intercom line
- Hold and transfer buttons
- Maximum power allowed by the FCC
- Shipped with two antennas—retractable and flexible styles, extended life battery, carrying adapter with metal belt clip, wall-mounting hardware, 14 foot modular line cord for base unit, and Owner's Manual

#3168-MLCA(Black).....\$560

#### Holster

#10303X.....\$15.95

**NOTE:** Programmable features are subject to host system capabilities. Distance and environmental conditions may apply.

CALL TOLL-FREE  
**1-800-451-2100**  
MONDAY-FRIDAY 8AM-8PM EST





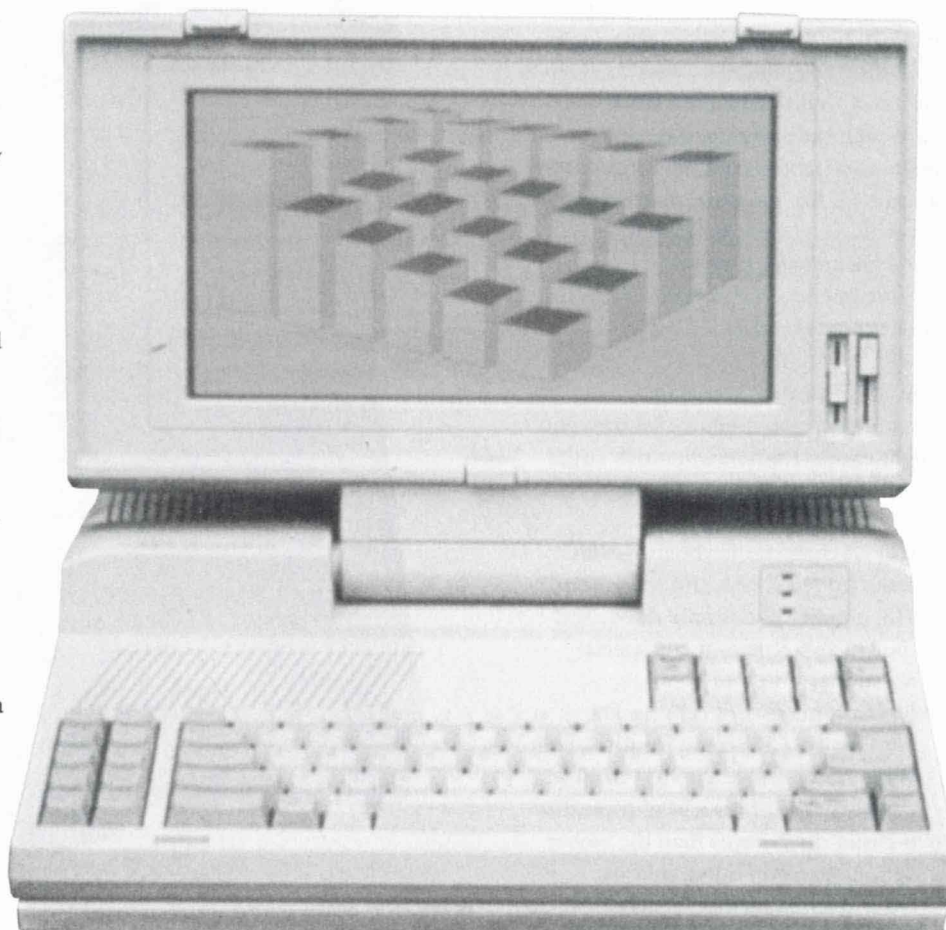
# LAPTOP COMPUTERS

## Now Travel Time Doesn't Have To Be Down Time

### NEC MultiSpeed HD

A versatile, lightweight, compact laptop that features a powerful storage capacity and a wealth of software functions already built-in.

- 20 MB Hard Disk
  - 3.5" 720K Floppy Disk Drive
  - 640K RAM, 512K ROM Memory
  - Fast 4.77MHZ or 9.54 MHZ Clock Speed
  - Compatible with all IBM and IBM-PC software applications, most of which can be run from the hard disk
  - Optional internal modem #50163H available
  - Bright backlit Supertwist LCD Display
  - Keyboard has 85 keys, 10 function keys, separate numeric keypad
  - Powered by a rechargeable 3-hour NiCd Battery Pack (included) or AC adapter (included)
  - Notepad software: built-in, featuring a spelling checker, and basic text formatting capabilities
  - Filer software: built-in, with search conditions that can include relational operators
  - Outliner software: built-in, for topics and sentence outlines, organizing details and ideas to manage complex projects and reports
  - Set-up software: built-in, for customizing operating system parameters and the RAM disk
  - Dialer software: built-in, for dialing phone numbers off a prepared phone directory (included) that can be updated (requires modem #50163H)
  - Telcom software: built-in, for unattended communications. Emulates several popular ASCII terminals (requires modem #50163H)
  - 13.6" W x 12.5" D x 3.6" H, 14.3 lbs
  - Includes cables, MS-DOS Version 3.2 (on 3.5" diskettes), User's Manual
- #50162H .....\$2,449.95**



### Optional Equipment for NEC MultiSpeed HD:

**300/1200/2400 BPS Internal Hayes-Compatible Modem**  
**#50163H.....\$459.95**

**Black Leather Carrying Case**  
**#50164H.....\$119.95**

**Car Battery Cable Adapter with 6'6" Cable (connects to cigarette lighter)**  
**#50165H.....\$19.95**

### LAP-LINK Plus File Transfer Software

- Allows you to transfer information to any MS-DOS Computer
  - Cable included
- #50166H.....\$129.95**

**Additional NiCd Battery Pack (MultiSpeed HD)**  
**#50168H.....\$99.95**

CALL TOLL-FREE  
**1-800-451-2100**  
 MONDAY-FRIDAY 8AM-8PM EST





# LAPTOP COMPUTERS

## Now Travel Time Doesn't Have To Be Down Time

### NEC UltraLite Laptop Computer

Whether you're a passenger on a plane, in a car, on the train, don't get caught twiddling your thumbs when you can continue to do productive work. It's easy, with the amazing, incredibly lightweight laptop computer that weighs a scant 4.4 lbs. Its actual dimensions are so small, you can fit it into your briefcase and still have room left over for documents, personal effects and all your other essentials.

The NEC UltraLite boasts the convenience and memory features you might expect from much, much larger computers:

- Full 78-character keyboard—with standard sized keys and placement. The number pad is imbedded. And the Fn key accesses many special functions.
- Electroluminescent (EL) Backlit Supertwist LCD Screen for total readability—not unlike the CGA display controller. Features a brightness that is easier on the eyes than the amber lighting used on other laptops
- 640K internal memory. Large built-in ROM
- Runs data 4x faster than XT-class computers
- Includes silicon hard disk
- Memory expansion capability.
- Built-in 2400 baud Hayes-compatible modem with LAP-LINK file transfer software that lets you hook up with any DOS computer.
- Supports both graphics and text on its 9½" screen with contrast control.
- For disk-drive capability, an optional 3½", 1.4 MG Floppy Disk Drive (#50171H) is available
- Runs on either rechargeable NiCd Battery Pack (included) or AC Adapter (included). Average battery operation is 2 hours, and batteries can be recharged while using the computer
- Includes MS-DOS Version 3.3, User's Manual



- MS-DOS Manager Software: a menu-driven system that performs virtually all the utility functions you need including a windowing function
- LAP-LINK Software: A program—already included—that will transfer or exchange files with another PC/XT/AT computer at ultra-high speeds (up to 115,200bps)
- 11.75"W x 14"H x 8.3"D, 4.4 lbs

**UltraLite Laptop Computer 1MB**  
**#50169H.....\$1,999.95**

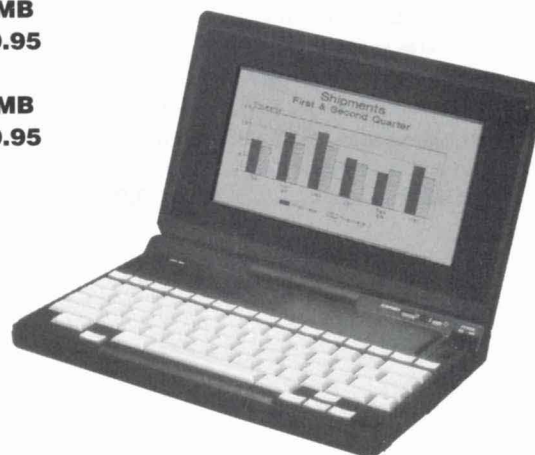
**UltraLite Laptop Computer 2MB**  
**#50170H.....\$2,399.95**

### Optional Equipment:

**3½", 1.4 MG Floppy Disk Drive with Parallel Port.**  
**#50171H .....\$369.95**

**Parallel Adapter for Printer**  
**#50172H .....\$119.95**

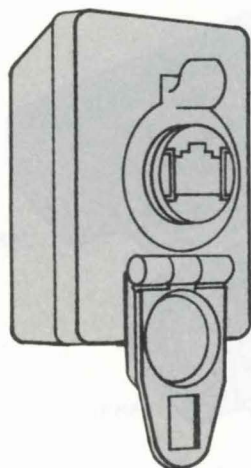
**Black Leather Carrying Case**  
**#50173H .....\$119.95**





# Connecting Blocks

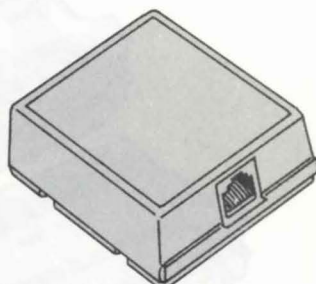
## SURFACE MOUNTED 4-CONDUCTOR



### ▲ Z625WP4 Weatherproof Connecting Block S

Single 4-conductor jack designed for outdoor applications.

#10019X (Black) . . . \$13.80

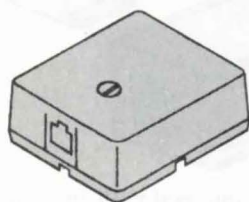


### ▲ 625A40 Three-Way Surface Mounted Connecting Block S

This versatile 4-conductor jack may be used in applications calling for a RJ11, RJ13 or RJ14 jack. Offers peel-and-stick adhesive pad, screw mounting or optional magnetic mounting.

#10450X . . . \$4.80

## SURFACE MOUNTED 8-CONDUCTOR



### ◀ 103A Surface Mounted Connecting Block M 25 H 75

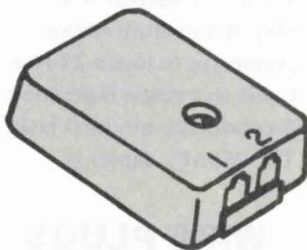
Single, 8-conductor connecting block with quick connect wire termination.

#10085X . . . \$8

### 104A Dual Surface Mounted Connecting Block M 25 H 75

Dual 8-conductor jacks, identified as "1" and "2," with quick connect wire terminations.

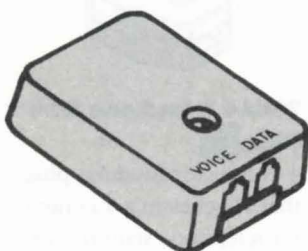
#10012X . . . \$11



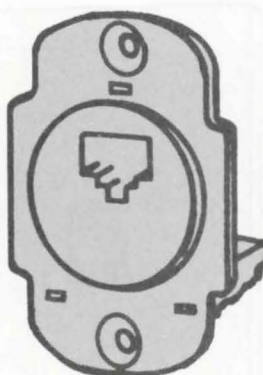
### ◀ 104B Dual Surface Mounted Connecting Block M 25 H 75

Same as 104A above, with one unkeyed jack for "voice" and one keyed jack for "data," each allowing only the proper type of line to be connected.

#10013X . . . \$14.80



## FLUSH MOUNTED 8-CONDUCTOR



### ◀ 102A Flush Mounted Connecting Block M 25 H 75

8-conductor with quick connect wire termination. Mounts in 65B or 400A faceplate.

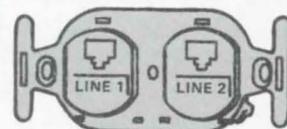
#10011X . . . \$6.80



### ▲ 105AF Flush Mounted Connecting Block M 25 H 75

Designed for use with a standard, single-outlet electrical faceplate.

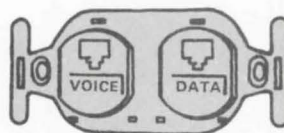
#10014X . . . \$6



### ▲ 106AFD Flush Mounted Dual Connecting Block M 25 H 75

Comes with two 8-conductor jacks identified as "1" and "2," to be used with duplex electrical faceplate. Has quick connect wire terminations.

#10015X . . . \$9.60



### ▲ 106BFD Flush Mounted Dual Connecting Block M 25 H 75

Same as 106AFD above but one unkeyed jack for "voice" and one keyed jack for "data," each allowing only the proper type of line to be connected.

#10016X . . . \$9.80

### SYSTEM COMPATIBILITY KEY

M	MERLIN Systems
25	AT&T SYSTEM 25
H	HORIZON System
75	AT&T System 75/85
S	SPIRIT System

CALL TOLL-FREE  
**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST



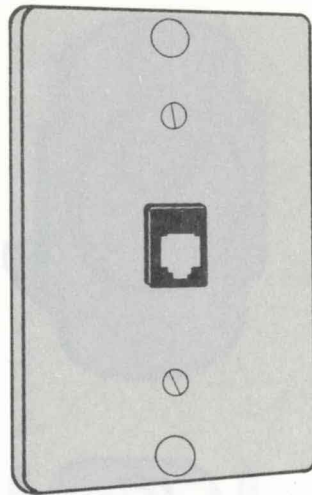
### Installation

We recommend professional installation by a trained AT&T technician—but, if you prefer, you can easily install a new phone, extend an existing one or hook up a device to your Control Unit. When you measure the distance between telephone and unit, order the next largest length of cord or cable.



## Connecting Blocks, Adapters

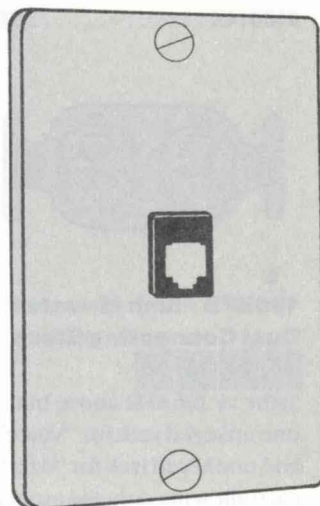
### WALL MOUNTED 4-CONDUCTOR



▲  
**630B Wall Connecting Block S**

Single 4-conductor wall jack with a stainless steel faceplate for modular wall telephone sets.

#10316X ..... \$7.80

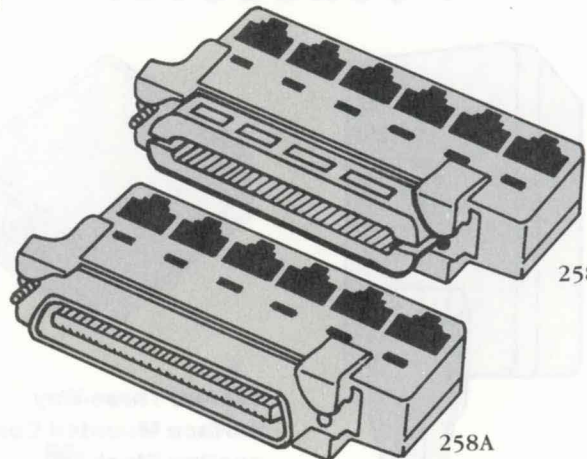


▲  
**630C Wall Connecting Block S**

Same as 630B but with a plastic faceplate.

#10317X ..... \$7.80

### JOINING ADAPTERS



▲  
**258 Adapter**

**M 25 75 S**

Adapts 25-pair cable to six 4-pair jacks. 25-pair connector available with male or

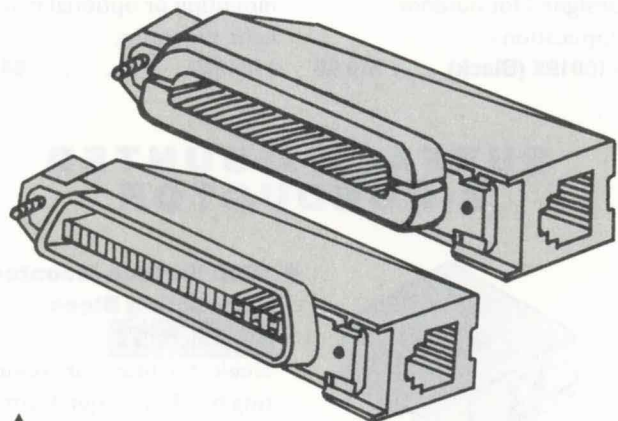
female connections.

258A (male)

#1000AX ..... \$13.80

258AF (female)

#1001BX ..... \$16.80



▲  
**259 Adapter**

**M 25 75**

The 259A Adapter is a 50-pin miniature ribbon connector to join a 25-Pair Cable to a single 8-position, 8-conductor, modular jack.

The 259AF Adapter is

equipped with an 8-position 8-conductor "keyed" data jack, to allow only data lines to be connected.

259A (male)

#10452X ..... \$6.80

259AF (female)

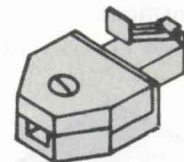
#10453X ..... \$8.80

### WIRE PLUGS

**700A8 Telephone Wire Plug M 25 H 75 S**

8-conductor modular plug to terminate telephone station wire. (See 8-Conductor Cable on page 4 of this section.)

#10004X ..... \$8.80



**700A4 Telephone Wire Plug S**

4-conductor modular plug that attaches to a 4-conductor telephone station wire.

#10003X (Ivory) ..... \$7.80

### NEEDS FOR ADAPTERS

1. Join two or more connectors of different types, for example:

- 25-Pair Cable to Modular Jack(s),
- Plugs to telephone wire.

2. Convert from one wiring scheme to another wiring scheme—for example—25-Pair to 8-Pair wiring.

3. Couple two identical plugs.

### Installation

We recommend professional installation by a trained AT&T technician—but, if you prefer, you can easily install a new phone, extend an existing one or hook up a device to your Control Unit. When you measure the distance between telephone and unit, order the next largest length of cord or cable.

### SYSTEM

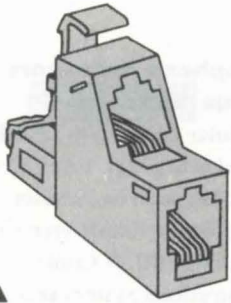
#### COMPATIBILITY KEY

<b>M</b>	MERLIN Systems
<b>25</b>	AT&T SYSTEM 25
<b>H</b>	HORIZON System
<b>75</b>	AT&T System 75/85
<b>S</b>	SPIRIT System



# Adapters, Faceplates

## CONVERTING ADAPTERS

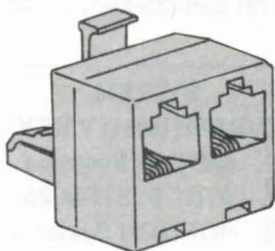


### 267A2 Bridging Adapter

**M 25 H S**

Connects to telephone line cords allowing an auxiliary item (modem, FAX, answering machine, cordless phone, etc.) to be connected directly to the line. Does not permit you to monitor line-in-use on MERLIN Systems. Must be wired ahead of your control unit. May require additional wiring.

#10057X . . . . . \$18.80

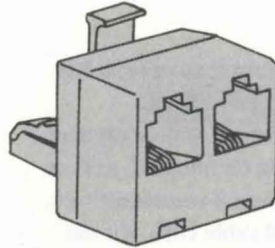


### 267A Adapter

**M 25 H S**

"T" adapter containing one 6-position 4-conductor modular plug and two 6-position 6-conductor modular jacks. It is used to connect two telephones to a single modular jack and for connecting ancillary equipment.

#10451X . . . . . \$11



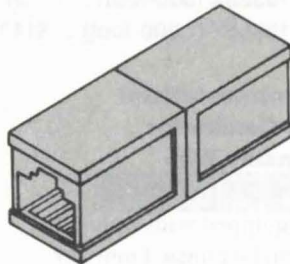
### 267C 2-Line Adapter

**M 25 H S**

Converts 2-line service with single RJ14-type jack into two separate telephone lines. Does not allow you to split two MERLIN Communications System lines. Must be wired ahead of Control Unit.

#10056X . . . . . \$7.30

## COUPLING ADAPTER



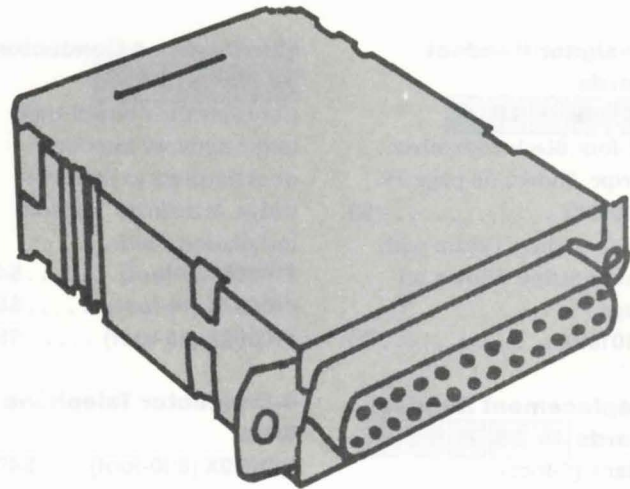
### 451A Adapter

**M 25 H S**

8-wire, in-line, double-ended modular coupler to connect 8-conductor modular cords.

#10002X . . . . . \$4.75

## COMPUTER ADAPTER



### 355A Adapters

Equipped with 8-position modular jack and a 25-pin EIA connector with diode and resistor protective circuitry. This circuitry prevents standard battery power from damaging ter-

minal interfaces. For use with asynchronous terminals, 355A adapters will protect up to 3 circuits.

355A Adapter-Male

#2750-A24 (Gray) . . . . \$25

355A Adapter-Female

#2750-A25 (Gray) . . . . \$25

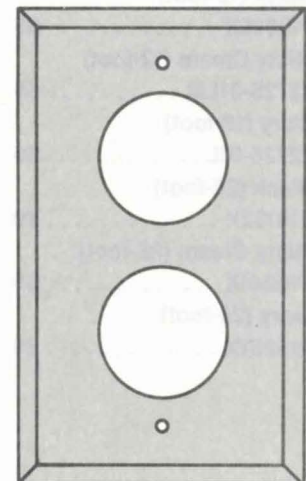
## FACEPLATES

### 400A Faceplate

**M 25 H 75 S**

Double-hole faceplate designed to accommodate two 102A or two 625F connecting blocks in a single electrical outlet box.

#10134X (Ivory) . . . . \$6.80



### 65B Faceplate

**M 25 H 75 S**

Single hole plastic faceplate with mounting bracket designed for the 102A or 625F connecting block in a single, standard electrical outlet box.

#10133X (Ivory) . . . . \$6.80



### SYSTEM COMPATIBILITY KEY

<b>M</b>	MERLIN Systems
<b>25</b>	AT&T SYSTEM 25
<b>H</b>	HORIZON System
<b>75</b>	AT&T System 75/85
<b>S</b>	SPIRIT System



# Cables & Cords

## HANDSET CORDS

### Designer Handset Cords

- M 25 H 75 S**  
12-foot Black with Silver Stripe. Shown on page 75.  
#10188X ..... \$5  
12-foot Misty Cream with Taupe Stripe. Shown on page 75.  
#10189X ..... \$5

### Replacement Handset Cords **M 25 H 75 S**

- Black (6-foot)  
#10238X ..... \$3  
Misty Cream (6-foot)  
#10239X ..... \$3  
Ivory (6-foot)  
#10248X ..... \$3  
Black (9-foot)  
#10609X ..... \$4  
Misty Cream (9-foot)  
#10608X ..... \$4

### Extra Long Handset Cords **M 25 H 75 S**

- Black (12-foot)  
#10089X ..... \$5  
Misty Cream (12-foot)  
#2725-01LM ..... \$5  
Ivory (12-foot)  
#2725-01L ..... \$5  
Black (25-foot)  
#10132X ..... \$9  
Misty Cream (25-foot)  
#10241X ..... \$9  
Ivory (25-foot)  
#10251X ..... \$9

### Line Cords—4-Conductor

- M 25 H 75 S**  
Connects the Control Unit to the network interface, or extra alerts to their cartridge. Male/male. Includes Installation Guide.  
#10086X (7-foot) ..... \$4  
#10087X (14-foot) ..... \$5  
#10088X (25-foot) ..... \$6

### 4-Conductor Telephone Wire

- #10009X (600-foot) ... \$40

### Modular Telephone Cords—8-Conductor

- M 25 H 75 S**  
Used to hook telephone sets to jacks, jack panel or Control Unit. Replaces existing cord. Male/male.  
#10090X (7-foot) ..... \$14  
#10091X (14-foot) ..... \$18  
#10092X (25-foot) ..... \$22

### Modular Telephone Extension Cords—8-Conductor

- M 25 H 75 S**  
Male/female connections. Extends existing cords.  
#10095X (14-foot) ..... \$19  
#10096X (25-foot) ..... \$22  
#10097X (50-foot) ..... \$29  
#10098X (75-foot) ..... \$36  
#10094X (100-foot) .... \$43

### Cable Extension Kit

- M 25 H 75 S**  
Includes cable with male plug on one end, surface mount 8-conductor jack, and cable clips. Kit has material for one telephone. If phone is closer than 10 feet to Control Unit, Modular Cord (Item #10090X, #10091X, or #10092X) is recommended.  
#10064X (100-foot) .... \$25  
#10065X (200-foot) .... \$37

### 8-Conductor Cable

- M 25 H 75 S**  
Durable 8-conductor telephone wire suitable for any indoor installation.  
#10384X (300-foot) .... \$45  
#10385X (500-foot) .... \$70  
#10386X (1,000-foot) .. \$140

### Connectorized 8-Conductor Inside Wire

- M 25 H 75 S**  
Equipped with a plug that can be plugged into any modular jack; extends circuit to new modular jack. Plugs on both ends. 8-conductor.  
#10006-DEX (100-foot) . \$15

### Telephone Accessory Cords **M 25 H 75 S**

- Modular cords with keyed male/male plugs. Connects adjuncts such as Headset Adapters or Hands-Free Unit to your MERLIN Communications System sets. (Not a line cord.)  
#10007X (18-inch) ..... \$7  
#10000X (4-foot) ..... \$8  
#10008X (14-foot) ..... \$12

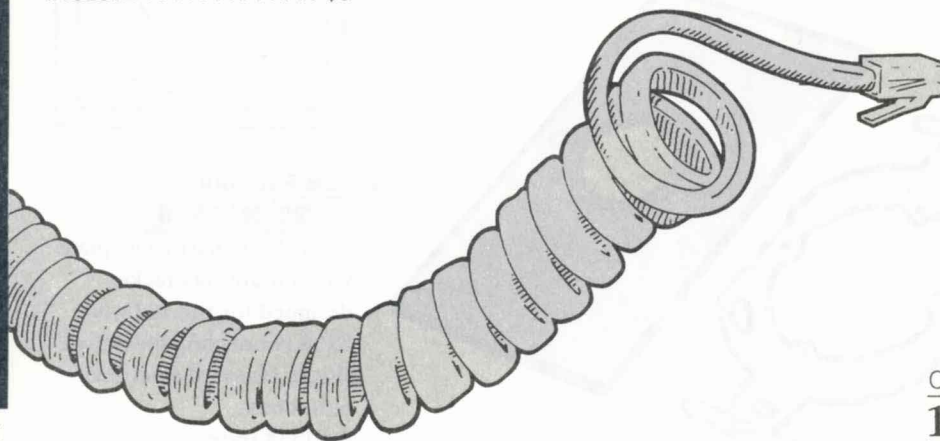
### Computer Cables RS-232 Cables

- 25-pin male/female connectorized cable for connecting data communication equipment to a PC, AT&T WGS, or other computing devices.  
#2721-28E (5-foot) .... \$35  
#2721-28J (9-foot) .... \$40  
#2721-28S (25-foot) ... \$55

SYSTEM COMPATIBILITY KEY	
<b>M</b>	MERLIN Systems
<b>25</b>	AT&T SYSTEM 25
<b>H</b>	HORIZON System
<b>75</b>	AT&T System 75/85
<b>S</b>	SPIRIT System

### Installation

We recommend professional installation by a trained AT&T technician—but, if you prefer, you can easily install a new phone, extend an existing one or hook up a device to your Control Unit. When you measure the distance between telephone and unit, order the next largest length of cord or cable.



CALL TOLL-FREE  
**1-800-451-2100**  
MONDAY-FRIDAY 8AM-8PM EST



**You can also FAX this order form 24 hours a day, 7 days a week to AT&T Fax on 1-800-458-2389.**

Call Toll Free **1-800-451-2100** to order or detach this order form and mail to:

AT&T Sourcebook, Centennial Plaza #3, 895 Central Ave., 9th Floor, Cincinnati, OH 45202

For inquiries about your bill, please call **1-800-227-3251**

## ORDERED BY:

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_

AT&T Account # \_\_\_\_\_

## SHIP TO:

(If different from "Ordered By")

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_

## METHOD OF PAYMENT:

☐ Check ☐ Money Order ☐ Please Invoice Me ☐ Amt. Enclosed \$ \_\_\_\_\_  
(including sales tax), made payable to AT&T

☐ VISA ☐ MASTERCARD ☐ AMEX

Credit Card Acct. No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_

Order must be signed to be valid

## PREFERRED INSTALLATION METHOD:

Most Products in this catalog include installation guides and can be self-installed. However, some products should be installed by a trained AT&T Systems Technician. You have the option of professional AT&T Installation on virtually any Sourcebook product. Please indicate if you prefer AT&T installation. NOTE: You will be billed separately for installation unless otherwise noted.

Page	Item Name	AT&T Installation YES or NO	AT&T Maintenance YES or NO	Item No.	Qty.	Price	Item Total

### Shipping Charges Table

### UPS

UP TO \$50 .....	\$2.50
\$50-\$99 .....	\$5.00
\$100-\$499 .....	\$10.00
\$500-\$1,499 .....	\$20.00
\$1,500-\$2,999 .....	\$30.00
\$3,000 and over .....	\$40.00
Furniture (additional) .....	\$50.00

### Subtotal

Your State and Local  
Sales Use Tax\*

Shipping/Handling

**TOTAL**

Expedited shipment methods available. Ask your Sourcebook Representative.

\* ☐ Tax Exempt Organization. Please enclose a copy of your tax exempt certificate.



# TERMS AND CONDITIONS

**I. GENERAL** AT&T Information Systems Inc. (AT&T) and Customer agree that the following terms and conditions will govern any order from The AT&T Sourcebook.

**II. SOFTWARE** The terms and conditions governing Customer's use of software ordered from The Sourcebook (including the software license) will accompany such software and Customer agrees to be bound by such terms and conditions. In the event that Customer does not agree with any such terms and conditions, customer may return the software undamaged, and in its original and unopened package for a full refund.

**III. TITLE AND RISK OF LOSS** Title and risk of loss to a product (except software) ordered from The AT&T Sourcebook will pass to the Customer on the date of delivery to the domestic shipping destination specified by the Customer in the Customer's order.

**IV. TAXES** Customer agrees to pay all applicable taxes, however designated, imposed on or based on the sale or license of products from The AT&T Sourcebook.

**V. PRICING** As this catalog is printed in advance of price changes that AT&T may affect, prices in The AT&T Sourcebook are subject to change without prior notice. However, the Customer will be informed of any price change before AT&T accepts an order for an affected product.

**VI. SHIPMENT** All shipping and other destination charges will be paid by the Customer. Deliveries will be made by a recognized parcel delivery service. Products will not be delivered to locations outside the United States.

**VII. INSTALLATION AND MAINTENANCE** Most of the items offered in The AT&T Sourcebook are designed to be Customer installable. However, should Customer prefer that AT&T install products ordered from The Sourcebook, AT&T will provide such installation for an additional charge.

## **VIII. LIMITED WARRANTY AND LIMITATION OF LIABILITY**

**A. Limited Warranty** The following limited warranties will apply unless an AT&T manufacturer's limited warranty accompanies the products ordered by customers through The AT&T Sourcebook. AT&T warrants that AT&T manufactured or AT&T trademarked products (including embedded firmware) ordered from The AT&T Sourcebook will be free from defects in material and workmanship when the title passes to Customer. AT&T will repair or replace any defective AT&T products or associated operating software ordered from The AT&T Sourcebook without charge during the applicable warranty period specified in the material accompanying each product, unless the product damage resulted from customer misuse, abuse or negligence. If no warranty period is specified, the warranty period shall be ninety (90) days. If AT&T determines that an AT&T product cannot be repaired or replaced, AT&T

will refund the purchase price of the product. With respect to products not manufactured by AT&T or products that have no AT&T logo, or both, AT&T hereby assigns to Customer, to the extent permitted, the warranty provided by the manufacturer of such product. Copy of such warranty is available on request. All products purchased from The Sourcebook will be covered either by AT&T's Depot/Mail-In plan or AT&T's "Business Day" service during the warranty period. AT&T may require proof of purchase before performing any repairs or replacing any products during the warranty period. EXCEPT AS SPECIFICALLY SET FORTH ABOVE, AT&T MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. REPAIR OR REPLACEMENT OF THE PRODUCT ORDERED FROM THE AT&T SOURCEBOOK OR REFUND OF THE PRODUCT'S RETAIL PURCHASE PRICE SHALL BE THE CUSTOMER'S EXCLUSIVE REMEDY.

**B. Limitation of Liability** Except for damages for personal injury, AT&T's entire liability to Customer for any cause whatsoever, regardless of the form of action, whether in contract, tort or otherwise, shall be limited to the direct damages proven or an amount equal to the purchase price of the product purchased hereunder, whichever is less. IN NO EVENT SHALL AT&T BE LIABLE FOR ANY INDIRECT, SPECIAL RELIANCE, INCIDENTAL, OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS OR SAVINGS) SUSTAINED OR INCURRED IN CONNECTION WITH A PURCHASE OF PRODUCTS FROM THE AT&T SOURCEBOOK. THE PARAGRAPH SHALL SURVIVE FAILURE OF AN EXCLUSIVE REMEDY.

**IX. BUSINESS USE ACKNOWLEDGEMENT** Customer acknowledges and agrees that the AT&T products ordered from The AT&T Sourcebook have been ordered exclusively for use in the Customer's business.

**X. PAYMENT** Payment for orders may be made by check, money order, credit card acceptable to AT&T or, if customer desires, AT&T will bill Customer for the purchases made from The Sourcebook. Payments should not be made in cash. Payment of any such billed amount is due upon receipt of invoice.

**XI. END USER ACKNOWLEDGEMENT** The Customer acknowledges and agrees that the products ordered from The AT&T Sourcebook are purchased for the Customer's own use and not for the purpose of resale or for export.

**XII. RETURN POLICY** Products purchased from The AT&T Sourcebook may be returned for a full refund within 30 days of purchase provided customers request return authorization from AT&T. AT&T will provide customers with written authorization which must accompany any returned products. Unauthorized returns will not be accepted. All products must be returned undamaged, freight prepaid and in their original packaging.

All AT&T Telephones in The AT&T Sourcebook are FCC-registered.





Send me the AT&T Sourcebook absolutely free.

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Type of Business \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_

Please allow 4-6 weeks for delivery of catalog.

**I currently have**

- ☐ 6 button key set
- ☐ MERLIN® System
- ☐ SPIRIT® System
- ☐ COMKEY® System
- ☐ HORIZON® System
- ☐ AT&T System 25
- ☐ AT&T System 75 or 85
- ☐ AT&T PC or WGS
- ☐ Other \_\_\_\_\_

## Please Let Us Know What You Think

We strive to make the AT&T Sourcebook catalog as useful as possible to you, our customer.

We welcome your comments on our newest edition!

---

---

---

---

---

---

---

---

---





NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

**BUSINESS REPLY MAIL**

FIRST CLASS PERMIT NO. 17574 CINCINNATI, OH 45202

POSTAGE WILL BE PAID BY ADDRESSEE

**AT&T SOURCEBOOK**

CENTENNIAL PLAZA #3

895 CENTRAL AVENUE 9TH FLOOR

CINCINNATI OH 45273-9271



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

**BUSINESS REPLY MAIL**

FIRST CLASS PERMIT NO. 52 MORRISTOWN, NJ 07960

POSTAGE WILL BE PAID BY ADDRESSEE

**AT&T SOURCEBOOK**

99 JEFFERSON ROAD

ROOM 2D46

PARSIPPANY NJ 07054-9761





## AT&T SOURCEBOOK



- Telecommunications and office equipment
- Call toll-free Monday-Friday 8AM to 8PM EST
- Visa, MasterCard, AMEX or we will invoice you

CALL TOLL-FREE

**1-800-451-2100**

MONDAY-FRIDAY 8AM-8PM EST

## AT&T HOTLINES

### AT&T SOURCEBOOK

---

**1-800-451-2100**

### AT&T EQUIPMENT

---

#### General Business Systems Sales Office

**1-800-247-7000**

Provides sales and leasing information on AT&T communications systems and data equipment for businesses with 80 telephones or less.

#### General Business Systems Helpline

**1-800-628-2888**

To arrange for repairs on the MERLIN® System, the SPIRIT® System, EKTS, AT&T System 25 and AT&T FAX Machines. Also provides information on programming and gives limited installation assistance.

#### AT&T Business Equipment Repair and Service

**1-800-526-2000**

To arrange for repairs on COMKEY® System, HORIZON® System, and 1A2 Key System.

#### AT&T Single Line Purchased Equipment Service

**1-800-222-3111**

Assistance and information on repairs, installation and operation of AT&T residence and single line purchased business equipment.

#### AT&T Single Line Leased Equipment Service

**1-800-555-8111**

To arrange for repair or replacement of residence or business leased equipment.

#### Data Systems, PBX, Complex Equipment Service Repair

**1-800-242-2121**

To arrange for repair on large communications systems of over 80 telephones like the DIMENSION® System, AT&T System 75/85, and data equipment.



■ **Customer Service & Sales** 1-800-247-7000

■ **Long Distance Services** 1-800-222-0400

■ **Maintenance and Repair** 1-800-628-2888

**Customer Account Number**

---

**AT&T Computer Service and Repair**

**1-800-922-0354**

For technical support and repair of computer hardware, and networking products.

---

**AT&T Pay Phones**

**1-800-922-0086**

For repair of AT&T Public and Private Pay Phones, assistance in dialing and using the AT&T Card, and to arrange for refunds.

---

**AT&T Retail Product Sales Locations**

**1-800-555-8111**

To request information on AT&T equipment and to locate the AT&T Phone Center or AT&T authorized voice, data and FAX dealers nearest you.

---

**AT&T LONG DISTANCE**

---

**AT&T Long Distance Services**

**1-800-222-0400**

For information on and ordering of AT&T WATS and Private Lines for small businesses. Also for information on Optional Calling Plans.

---

**Account Inquiry Centers**

**1-800-325-0138**

Answers questions and handles claims on business long distance bills.

---

**AT&T Long Distance Gift Certificates**

**1-800-222-7747**

Bulk sale and business orders.

---

**AT&T Card Orders**

**1-800-CALL ATT**

---

**AT&T Long Distance Repair**

**1-800-222-3000**

---